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EXECUTIVE DOCUMENTS

OF THE

HOUSE OF REPRESENTATIVES

FOR THE

SECOND SESSION OF THE FORTY-FOURTH CONGRESS.

1876—'77.

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1877.



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REPORT

OF THE

COMMISSIONERS

OF THE

DISTRICT OF COLUMBIA

FOR THE

YEAR 1876.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1876.

REPORT OF THE COMMISSIONERS.

OFFICE OF THE COMMISSIONERS
OF THE DISTRICT OF COLUMBIA,
Washington, D. C., December 2, 1876.

To the President:

In our last annual report we invited the attention of Congress to several matters of interest to the District requiring legislation, on which no action was had, some of which we again respectfully submit for its consideration.

The commissioners of the sinking-fund, in their report for 1875, in referring to the near completion of their labors connected with the preparation and issuing of the 3.65 bonds, and the relief they would experience when done, as the entire supervision of them would thereafter devolve upon officers of the Treasury Department, except the registration of the coupon-bonds, which, as the law now stands, requires their aid, say that "Under these circumstances we recommend a transfer, by appropriate legislation, of the functions of the sinking-fund commissioners to officers of the Treasury Department, to be designated for that purpose, and we believe this would be in strict harmony with the spirit of recent legislation under which Congress has assumed its direct control of the affairs of this District." Concurring in this recommendation, for the reasons given, as well as because the proposed transfer of the functions of the commissioners of the sinking-fund to the officers of the Treasury Department would simplify the financial system of the District and lessen the public expense, we invited the favorable consideration of Congress to the recommendation, which we now renew.

The municipal ordinances of the District, consisting of the ordinances of the city of Washington, the city of Georgetown, and the levy court of the county of Washington, which had jurisdiction over that part of the District outside of the cities of Washington and Georgetown, differ widely from each other, and, in many respects, are contradictory and incomplete. They need revision and amendment. It is believed that a single statute might be drawn applicable to and uniform throughout the whole District, and comprising all the necessary provisions of ordinary municipal regulation relative to the preservation of order and protection of property.

Legislation is needed for the better regulation of sales of property for tax-arrearages, to subject the owners of property purchased by the District government to like penalties as if the property were purchased by a private person, and give the District absolute title in the property it purchases, within a reasonable time, without right of redemption thereafter to the owner or his legal representatives.

This is important, as, under existing law, the owner has little inducement to pay the tax in arrear and redeem his property, while the District is deprived for an indefinite time of revenue from the property, either from the tax in arrear or the interest upon it, which is no less unjust to the property-owners who pay their taxes promptly than embarrassing to the administration of the finances of the District. We renew our recommendation for such legislation as will remedy these evils, will clearly define the rights of delinquent tax-payers, and enable the District government to enforce the prompt payment of taxes. And, in this connection, we recommend the legislation asked for by the collector in his report of 1875, to simplify the advertisements for the sale of property in arrears for taxes, so that they shall require only an intelligible description of the property, to whom assessed, and the time when the privilege of redemption will expire.

We join the collector also in his recommendation for such legislation as will make illegal any subdivision of real estate on which due taxes are unpaid, or the entry of such subdivision in the public records of the office of the surveyor. Such a law would secure the full payment of delinquent taxes when the holder in default would want to subdivide his property for sale or otherwise. Property-holders who pay their taxes as required by law are entitled to the fullest practicable protection against the burdens resulting from the non-payment of taxes of other property-holders.

In our last annual report it was shown that the annual rent and cost of repairs of the rented buildings for the public schools were estimated by the trustees at \$25,635, more than 6 per cent. interest on \$400,000, the amount they estimate as sufficient to purchase sites and erect all the buildings required to meet the public-school wants of the District. The conditions of the schools in this respect have not been materially changed since the date of that report, and we venture to renew the inquiry whether, under the circumstances, it is not wiser policy to abandon the use of all rented school-buildings and substitute therefor houses erected and owned by the District. To accomplish this, congressional appropriation will be needed in aid of the District resources.

The apportionment of the school-fund between the white and colored schools, as provided by law, ought not to be disturbed. No complaint of it has been made. It is based on the just principle of securing to all citizens of the District, without regard to race or color, equal privileges in the public schools. Under its operation both white and colored schools have prospered, and now justly rank among the best public schools of the country.

In addition to the recognized claims of all public schools upon the States and municipalities where located, the schools of this District have peculiar claims upon the favorable consideration of Congress, as the legislature of the District, growing out of the fact that about one-third of the school-population is colored, who have come into the District since the beginning of our late civil war, and who contribute little to our school-revenues, while about 30 per cent. of the enrollment of the white schools is composed of children whose parents or guardians are in the service of the United States, from whom little is received for the support of the public schools.

Congress having established the policy of making liberal endowments of public lands to the public schools in the States and Territories of the Union, its attention has been frequently called by the trustees of the District schools to the claims of the District for like endowment of the schools here.

We venture to join the trustees in asking the favorable consideration of Congress to their request in this regard, unless it shall be its pleasure to make an equivalent money appropriation to aid in the purchase of sites and the erection of suitable buildings for the present and future accommodation of the school youth of the District and for the permanent maintenance of the schools now and that may be hereafter organized in the District.

Whatever form of government shall be permanently established for the District, authority, under proper restrictions and conditions, should be given the executive authorities to purchase sites and erect suitable buildings for school, police, and fire department uses, and to sell properties now owned by the District and held for like uses but not suitable for them, such as the central guard-house and lot on Louisiana avenue, and the police station-house, corner of K and Ninth streets, and all other real estate owned by the District not needed for government purposes.

In their accompanying report the commissioners of the fire department renew their recommendation for the organization of two additional engine companies, with the necessary apparatus, and one additional hook and ladder company, equipped, at an estimated cost of \$63,075. In view of the steadily increasing population of Washington, the large number of buildings erected during the past three or four years, and the pressing want of additional means for the extinguishment of fires in the portions of the city where it is proposed to organize and locate the three additional companies, we join in these recommendations of the fire department, and again invite the favorable attention of Congress to them. Unaided by congressional appropriation, or by increased revenue from taxes, the revenues of the District are not equal to the expenditure required for the additional facilities to the fire department.

In this connection it is proper to add, that the efficiency of the fire department is gratifyingly shown in the largely-reduced amount of losses from fires during the past year compared with former years, and its excellent condition in respect of its discipline and the economy of its management. We take pleasure in inviting the attention of Congress to its accompanying report.

We again invite the attention of Congress to the matter of the re-organization of the public charities of the District, to the end of having them put under the control of a commission, to which shall be intrusted the disbursement of all moneys appropriated by Congress or contributed by the District for the support of such charities, and which shall account for the same to the District authorities, under such regulations as shall be prescribed by law.

Under such a system Congress and the citizens of the District will be annually informed of the exact amount expended, and how expended, for the support of the public charities, and improved methods of economy and discipline will be introduced in their management.

The official term of the assessors of property within the District for taxation, ends June 30, 1877, with the existing tax-law. We suggest that the interests of the District will be promoted by the extension of the term of the office of assessors, which will secure more practical experience in the discharge of the duties of the office than can be expected under the present tenure of one year, and that such board be limited to three members, at an annual salary of fifteen hundred dollars each.

The attention of Congress is respectfully invited to a bill pending in the Senate, (S. 850,) "To provide for the payment of outstanding certi-

cates of the late board of audit of the District of Columbia, and the settlement of certain claims against said District." These claims are for outstanding certificates, and claims not acted upon by the late board of audit, for work done under the present Commissioners since the fifth day of February, eighteen hundred and seventy-six, under contracts, or modifications or extensions of the same, of the late board of public works, and for sums heretofore found due to contractors but retained as security for the performance of their contracts; claims audited and allowed but not finally passed on by the late board of audit, and for which certificates of that board were not issued; and for work done, the measurements of which have been made by the District engineer, but not transmitted by him to the board of audit, comprising all work completed to date of cancellation of contracts, pursuant to joint resolution of Congress, approved March 14, 1876.

The amount of these claims, as estimated by the engineer, is \$1,043,429.84, subject to reduction on account of errors and overpayments of the indebtedness reported by the board of audit, which will be ascertained when each account is audited and closed by the comptroller and auditor of the District, who are directed by the bill to examine and audit for settlement all said claims not audited by the board of audit, and issue to each claimant a proper certificate for the amount of the claim allowed by them, signed by them and countersigned by the District Commissioners, and keep a proper register of the certificates, which shall be deposited in the comptroller's office. No claim can be allowed after the expiration of four months from the passage of the bill; and the acceptance by any claimant of the certificate provided for, shall bar him in respect of any action or supposed right of action upon his claim, except as otherwise provided in the bill, and no action or suit shall be maintainable against the District of Columbia or the United States upon such certificates.

For the payment of said certificates and outstanding certificates of the late board of audit, convertible on their face into 3.65 bonds, but the conversion of which is prohibited by law, amounting, as reported by the board of audit and sinking-fund commissioners, to \$758,238.53, the bill pledges all assessment-certificates for special improvements, after paying therefrom the principal and interest of the certificates of indebtedness, commonly called "greenbacks," issued under an act of the legislative assembly of the District of Columbia, approved May 29, 1873, of which there are outstanding at this date, as reported by the commissioners of the sinking-fund, \$998,700. The surplus of the special improvement assessment-certificates that can be so applied is estimated, by the engineer in his report, to amount to \$1,689,844.74. The account will stand as follows:

Estimated amount of assessment-certificates for special improvements, after paying outstanding "greenbacks".....	\$1,689,844 74
Estimated amount of claims covered by Senate bill 850.....	1,043,429 84
Surplus of assessment-certificates	646,414 90

The claims provided for by this bill are meritorious and should be paid. The Commissioners are without authority to pay any of them out of the District treasury or otherwise. They earnestly hope the bill may become a law during the coming session of Congress.

The accompanying reports will inform Congress in detail of the receipts and expenditures of the District government during the last fiscal year; of the operation of the engineer's department; the con-

dition and wants of the public schools; the fire and health departments; the results of the assessment of personal property and new improvements for taxation under the act of July 12, 1876, and of other matters of interest connected with the administration of the District government the past year.

The secretary's report embraces copies of certain orders of the Commissioners of a general nature, explanatory of their administration in respect of the matters covered by their orders.

The revenues of the government of the District of Columbia for the year ending November 30, 1876, including unexpended appropriations and balance on hand at the date of our last annual report, are \$2,551,872.11, as follows:

Appropriations.....	\$936, 545 15
Taxes and revenues from other sources.....	1, 465, 326 96
Anticipation of taxes by loan of Riggs & Co., act approved August 16, 1876.....	150, 000 00

Total receipts to December 1, 1876..... 2, 551, 872 11

The expenditures during the same period are \$2,428,888.06, as follows:

Paid on account—	
Of District offices.....	\$160, 421 73
Of water department.....	128, 861 45
Of metropolitan police.....	130, 364 57
Of fire department.....	101, 312 34
Of board of health, including garbage-service, and medicines, and medical attendance to poor.....	43, 868 39
Of sinking-fund commissioners, for interest on public debt and redemption of bonds.....	535, 727 38
Of police court.....	16, 633 59
Of board of audit.....	10, 174 67
Of late District government.....	1, 413 48
Of public schools.....	376, 434 29
Of charities and corrections and Washington asylum.....	66, 887 29
Of markets.....	56, 584 65
Of street lamps and gas.....	145, 532 68
Of improvements and repairs.....	344, 614 92
Of redemption of tax-lien, and tax-sale certificates, and refunding erroneously-paid taxes.....	62, 628 09
Miscellaneous accounts.....	48, 805 75
Interest on 3.65 bonds, (joint resolution approved March 14, 1876).....	198, 622 79
Total expenditures.....	2, 428, 888 06

Recapitulation.

Total receipts to December 1, 1876.....	\$2, 551, 872 11
Total expenditures to December 1, 1876, including warrants issued and not presented.....	2, 428, 888 06
Balance.....	122, 984 05
Less deficit in account of James S. Wilson, late treasurer, fully secured.....	10, 041 83
Balance cash on hand December 1, 1876.....	112, 942 22
Subject to payment of outstanding obligations, not matured, for which this sum has been set apart.....	\$22, 658 69
And for payment of loan of Riggs & Co., due January 5, 1877.....	150 000 00
Total.....	172, 658 69
Deficit.....	59, 716 47

This deficit will be promptly made good from receipts of taxes which were not payable under the present tax-law until the first instant.

For an itemized statement of the above receipts and expenditures reference is made to the report of the auditor and comptroller.

Economical considerations induced the Commissioners to unite the

duties of the two offices of comptroller and auditor in charge of one officer, to abolish the office of deputy comptroller, and to discharge forty employés.

The commissioners of the sinking-fund renew their recommendation for the transfer of their official functions to officers of the United States Treasury Department, and report the operations of their office as showing a satisfactory steadiness in the financial affairs of the District, economy in the management of its affairs, and a gradual approximation to that simplicity of financial method which should, in their opinion, characterize the transactions of this District. They give a detailed exhibit of the public debt at this date, showing the old funded debt to be \$8,405,576.21, (a reduction of \$35,537.22 since the 1st of December, 1875,) and \$13,743,250 outstanding 3.65 bonds; in all, \$22,148,826.21. They estimate the amount required to pay the interest for the next fiscal year on the old funded debt at \$516,895.57, of which \$348,600 is coin and \$168,295.57 currency.

In respect of the interest on the 3.65 bonds they submit no estimate, as it is paid directly from the Treasury of the United States, as ordered by Congress, and they recommend that permanent provision be made for the payment by the Secretary of the Treasury of the interest on these bonds as the same mature.

They report \$998,700 of outstanding special assessment 8 per cent. bonds, commonly called "greenbacks," and have as security for their ultimate redemption and extinction assessments amounting to (exclusive of the interest due on them) \$755,087.98, to which add \$481,669.72 of bills recently issued and remaining unpaid, for which certificates will be deposited with them, making in all \$1,236,757.70.

We take pleasure in inviting attention to the intelligent report of the board, and to the satisfactory exhibit they make of their administration of the District finances intrusted to their care.

The collector reports as the receipts of his office from December 1, 1875, to November 30, 1876, as follows:

From general taxes for the year ending June 30, 1876	\$631,191 11
From taxes in arrears	235,677 88
From licenses	120,624 99
From miscellaneous sources, including \$71,977.27 for general and personal taxes for year ending June 30, 1877	139,097 16
Total receipts from all sources	1,126,591 14

The treasurer reports by itemized statement the amount of moneys received in his office from December 1, 1875, to November 30, 1876, inclusive, to have been \$2,372,855.39.

Since August 16 last, the date of the transfer from the collector to him of the issuing of licenses, he has issued seven hundred and forty licenses.

The superintendent of assessments and taxes reports the assessment on real property in the District as follows:

In Washington City	\$81,246 847
In Georgetown	5,953,932
In Washington County, (approximated)	8,784,433
Total amount	95,985,212

Showing an increase over the last annual assessment of \$2,532,538.

The personal-property assessment is \$14,251,426, making the total assessment of taxable property in the District \$110,236,638.

The superintendent refers to embarrassments in his office caused by the late passage of the tax-law at the last session of Congress, and respectfully urges the importance of Congress passing the tax-law for

the next fiscal year at an early period of the coming session, so that ample time will be given his office to prepare the tax-books for the collector; and he recommends, also, a resurvey of Georgetown and the making of a new plat of that city showing each square and lot, the expense of which, he thinks, would be soon repaid from increased tax-revenue from that city.

The assessors report \$14,251,426 assessment of personal property, inclusive of \$310,973 penalties, as follows:

Personal assessment in Washington.....	\$12, 011, 569
Personal assessment in Georgetown.....	1, 785, 688
Personal assessment in county.....	454, 169
	<hr/> 14, 251, 426

They report assessments on real property as follows:

Value of buildings erected and not heretofore assessed.....	\$2, 826, 025
Value of improvements and additions to buildings not heretofore assessed.....	342, 175
Value of land in county not heretofore assessed.....	10, 223
	<hr/> 3, 178 423
Total value of real property not heretofore assessed.....	3, 178 423
Deduct, on account of appeals and old buildings torn down and removed.....	292, 726
	<hr/> 2, 885, 697
Total assessment of personal property and real property not heretofore assessed.....	17, 137, 123

The engineer accompanies his report with reports of the water registrar, surveyor, parking commission, inspector of buildings, overseer of repairs, superintendent of property, and the overseer of lamps, giving details of the operations of their respective offices; also tables of contracts of the board of public works and of board rates, being the rates at which work was done under those contracts, and tables of cost for cash contracts, and showing the reduction of expenses by the organization of the force under his direction. He calls attention to the expediency of filling the old canal, the necessity for repairs of wooden pavements, the organization of a board of engineers, experts, to consider the subject of water-supply for the District, and a change of the rates of assessments of private property for special improvements, especially in respect of improvements of alleys, to which the favorable attention of Congress is invited.

The inspector of buildings reports the erection of 1,261 new buildings and additions during the last year, and the total value of improvements for the year \$4,155,177 against \$3,655,500 for the preceding year, which is a gratifying evidence of the prosperous condition of the District, especially in view of the general depression of the business interests of the country.

The report of the attorney for the District shows the extent and character of the litigation to which the District is a party. Most of the litigation is due to the numerous changes of the law within the last six years. Several important cases noticed in last year's report have not been reached for trial. Some decisions rendered by the court are reported. The number, character, and disposition of the cases in the police court are also shown; and that, with a few exceptions, all the appealed cases have been tried. The attorney reports the system of licensing the sale of liquors as not effective, either for regulation or revenue, and suggests an increase of the tax for license, and a grant of power to the police to seize upon the proofs of unlicensed sales. We invite attention to the parts of the attorney's report relating to the laws for abolishing nuisances; to the responsibility of the District for damages caused by the non-repair of avenues, streets, &c.; to the building

regulations; to the litigation growing out of the exemptions of church and school property from taxation; to the necessity of revising the legislation on assessments for local improvements; to the claims of contractors, either not audited or evidenced by board of audit certificates, and to the wharf front and wharfage regulations.

Edwin L. Stanton, who faithfully performed the duties of, resigned the office of attorney for the District on the 1st ultimo, and William Birney, who has served as assistant attorney since the organization of the present commission government, has been appointed his successor.

The commissioner of the Washington Asylum calls attention to the pressing importance of tearing down the old jail and the building of a new one near the asylum, for which a bill was introduced in Congress at its last session, but did not become a law. We recommend its early passage. He recommends, also, the erection of a penal and reformatory institution for women, and reviews his recommendation made in his last annual report for placing the charitable institutions within the District under the charge of a commission, to be appointed by the District authorities, to which we have invited the favorable attention of Congress.

The coroner reports 169 deaths certified by him during the year ending September 30, 1876, as follows: suicides, 6; from accidents and negligence, 91; homicides, 4; from disease, 66; infanticides, 6.

He estimates the expense of his department, including his salary for the year ending June 30, 1878, at \$2,500.

The trustees of the public schools report the number of youth of school-age in the District, according to the United States census of 1870, white, 21,177; colored, 10,494; total, 31,671. The number enrolled in the schools for the year ending August 31, 1876, was, white, 12,953; colored, 6,676; total, 19,629. The number in daily attendance in the schools during the same time was, white, 9,867; colored, 5,040; total, 14,907. The number of teachers employed for the school-year was, in white schools, 200; colored, 107; total, 307. The total expenditures for the support of the schools for the school-year was \$389,178.53, and the total payments for school-purposes, including payments of debts due on account of expenses of previous years, was \$405,828.53.

The estimated expenses for the support of the schools for the fiscal year ending June 30, 1878, are \$413,400.

They call attention to the inadequacy, and, in many instances, the unfitness of the accommodations provided in rented rooms for the white children of Washington, and to the insufficient accommodations for the colored schools in the second school-district of Washington, and to the fact that some of the rented rooms have been condemned by the board of health as unfit for school-purposes, and must be abandoned at the end of the present school-year. The trustees renew their application for an appropriation to pay the proportionate amount of school-fund, \$20,346, due the colored schools upon the expenditure of \$51,865 for the erection of the Georgetown public-school building, to be expended in the erection of a school-building for colored children in that city. We commend, as we did last year, this request to the favorable consideration of Congress.

We regret the limited means of the District, based on our careful estimate of revenues from all sources, compelled the appropriation for school-purposes, during the current fiscal year, of a less amount than the expenditure for like purposes the preceding year, but we trust such additions will be made to the District revenues, by congressional appropriation, as will enable the trustees to keep the schools open the ordinary full school-year.

The commissioners of the fire department report its expenditures for

the past year at \$92,169.67, and the estimated expenditures for the coming fiscal year at \$73,323. The department is in excellent condition, but needs additional force and apparatus, as hereinbefore mentioned. They call attention to the danger to life and property by the storage of large quantities of gaseous oils and alcoholic liquors in the densely inhabited portions of the District, and urge the prohibition thereof, under heavy penalties, and recommend, also, the making of suitable provision for the support of men disabled in the service of the department, during their disability.

The limited means of the District government compelled the Commissioners to discontinue any payments to the board of health after the first of September last on account of medicines and physicians to the poor, of which the board make mention in their accompanying report. They express their satisfaction of the performance of the garbage-service, and state the number of burials of paupers at public expense during the year to have been 503. Receipts from the District treasury and expenditures of the board for the year ending June 30 last were each \$26,117.50. Their estimate of funds required from the District for sanitary purposes for the fiscal year ending June 30, 1878, is \$47,117.50.

The last census of the District was taken in 1870. Since that period there has been a considerable increase of the population, white and colored, in the District, especially in Washington. It is thought the public interests, especially those connected with the public schools, will be promoted by having a new census taken during the coming year, for which we trust suitable provision will be made by Congress.

The joint committee of Congress to frame a government for the District of Columbia, in their published bill for that purpose, provide for appropriation by Congress of forty per centum of the annual estimates of the amount necessary to defray the expenses and pay the accruing indebtedness of the government of the District, and for the permanent payment by the Secretary of the Treasury of the interest accruing on the 3.65 bonds of the District as the same matures, the amount so paid to be credited as part of the appropriation by the United States toward the expenses of the government of the District. These are just measures, and we trust will have the approval of Congress. While relieving private property from the payment of its present unequal share of the current expenses of the District government, which are incurred alike for the benefit of the United States and the inhabitants of the District, they will permanently strengthen the credit of all the District securities, take the 3.65 bonds from the manipulations of speculators, and secure to the holders their promised and just value.

All matured obligations of the present government of the District have been audited and paid, and the payment of all outstanding obligations not matured, so far as they are known, after careful investigation, have been provided for, except the loan of \$150,000 made of Messrs. Riggs & Co., in anticipation of the taxes for the current fiscal year, and except some unsettled claims arising out of contracts and obligations of the former governments of the District of Columbia, including work upon incomplete contracts of the late government terminated by the act of Congress approved March 14, 1876, for the settlement of which no provisions have yet been made by Congress.

Very respectfully,

W. DENNISON,
J. H. KETCHAM,
S. L. PHELPS,

Commissioners District of Columbia.

I.—REPORT OF THE SECRETARY.

OFFICE OF THE COMMISSIONERS
OF THE DISTRICT OF COLUMBIA,
Washington, December 1, 1876.

GENTLEMEN: I have the honor to submit the following copies of orders passed since the date of your last annual report.

Very respectfully,

WM. TINDALL,
Secretary.

COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

FEBRUARY 4, 1876.

The following resolution having been adopted by the Senate of the United States, on the 3d instant:

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Commissioners of the District of Columbia are hereby directed to transfer to the Treasurer of the United States, for the payment of the interest due the first of February, eighteen hundred seventy-six, on the bonds of said District, issued under the provisions of the act of Congress approved June twentieth, eighteen hundred and seventy-four, entitled "An act for the government of the District of Columbia, and for other purposes," the sum necessary to pay the same from any unexpended appropriations heretofore made by Congress, or from any revenues derived from taxation on the property of said District of Columbia subject to the requisition of the Commissioners, excluding funds raised for the support of public schools: Provided, That any further issue of 3.65 bonds, under or by virtue of said act of Congress approved June 20, 1874, is hereby prohibited: And provided, That the certificates heretofore issued by the board of audit, including those converted into three sixty-five-hundredths per cent. bonds, and those which have not been so converted, and the certificates hereafter to be issued by the board of audit, or their successors in office, shall not exceed in the aggregate the sum of \$15,000,000.

SEC. 2. That there shall be no increase in the present amount of the total indebtedness of the District of Columbia; and any officer or person who shall knowingly increase, or aid or abet in increasing, such total indebtedness, shall be deemed guilty of a high misdemeanor, and on conviction thereof shall be punished by imprisonment not exceeding ten years and by fine not exceeding \$10,000: *Provided, That the board of audit created by the act for the government of the District of Columbia, approved June 20, 1874, is hereby abolished, and shall, immediately upon the approval of this resolution, transmit all the books and property belonging to the District to the Commissioners of the District of Columbia, and make a report of their proceedings not hitherto made: And provided further, That this resolution shall not in any way or manner recognize the liability of the United States to pay either the principal or interest of any such bonds as may have been issued on or since the 27th day of January, 1876—*

It is ordered, That the engineer forthwith suspend all work of every kind being done under contracts for which payments are stipulated to be made in 3.65 bonds, so called, or in certificates of the board of audit convertible in such 3.65 bonds, and immediately reduce the force in his department accordingly.

This order will not apply to the contracts for sweeping streets and avenues and cleaning alleys, which are payable in cash.

In the execution of the foregoing order the engineer will be careful to reserve, in proper terms, all rights of the Commissioners of the District, as successors of the board of public works, in contracts forfeitable, if any, for non-performance of the same, according to the terms of the contract.

MARCH 15, 1876.

Ordered, That the attention of all officers and employes of the District of Columbia is hereby called to section 2 of joint resolution approved March 14, 1876, which is as follows:

That there shall be no increase of the present amount of the total indebtedness of the District of Columbia, and any officer or person who shall knowingly increase, or aid or abet in increasing, such total indebtedness, shall be deemed guilty of a high misdemeanor, and on conviction thereof shall be punished by imprisonment not exceeding ten years, and by a fine not exceeding \$10,000.

All said officers and employés are strictly enjoined to the faithful and literal observance of said enactment, and are directed, in respect of their several offices and duties, to take all measures and precautions necessary or expedient for such strict and literal observance of the law.

MARCH 25, 1876.

Ordered, That the treasurer be charged with the care and safe-keeping of all deeds and conveyances of every name and nature of property belonging to the District of Columbia, and to this end he is directed to at once collect them and prepare schedules in duplicate, one copy to be retained by him, the other to be filed in the office of the Commissioners, after which he will deposit them in the office of the Treasurer of the United States.

APRIL 12, 1876.

Whereas by a joint resolution of Congress approved March 14, 1876, it is provided that, after the expiration of thirty days from the approval of said resolution, all books, papers, and records of the board of audit shall be turned over to the Commissioners of the District of Columbia, or their successors in office:

It is ordered, That the comptroller and auditor of the District of Columbia be, and hereby are, directed to receive at the expiration of said time and take charge of all such books, papers, and records of the said board of audit, and detail such clerk or clerks in their offices as they may deem necessary, to examine all such books, papers, &c., and make an inventory of the same, which (inventory) they shall file in the office of the comptroller.

APRIL 21, 1876.

Ordered, That from the records of the late board of audit and such other information as shall be needed and obtained from the records of the engineer's office, the comptroller and auditor of the District shall proceed to make a statement of the cost of the several improvements made by the late board of public works and by the Commissioners of the District of Columbia, and of which statements of the cost have not heretofore been prepared by the late board of audit. Said statements shall be in such form as to be used as the basis of assessments. When any of said statements shall have been prepared, it shall be submitted to the Commissioners of the District, and upon their approval of the same a copy shall be filed in their office and another copy shall be transmitted to the engineer for the preparation of assessments upon the property adjoining and especially benefited by the several improvements.

When the several assessments shall have been prepared by the engineer he shall in each instance submit the same for approval to the Commissioners of the District.

This order, however, does not apply to what is known as repair-work or work done by way of repairing improvements originally made under contracts with the late board of public works which had become defective.

MAY 27, 1876.

Ordered, That all requisitions for repairs or for materials not purchased under contract at a fixed price shall be accompanied by an estimate of cost of the proposed repairs or of the material to be purchased.

JUNE 6, 1876.

Ordered, That no repairs or other work will be done upon the roads in the county until an estimate of cost shall have been submitted to the Commissioners and their approval of the expenditure obtained.

JULY 11, 1876.

Ordered, That Robert P. Dodge be, and he is hereby, appointed treasurer of the District of Columbia, vice James S. Wilson, removed, his appointment to take effect on his executing and filing his official bond conditioned for the faithful performance of his duties in the sum of one hundred thousand dollars, with two or more sureties, to the satisfaction of the Commissioners of the District.

JULY 12, 1876.

Ordered, That the auditor District of Columbia proceed forthwith to examine and audit the accounts of James S. Wilson, late treasurer District Columbia, to and including this date, and report to the Commissioners without delay.

JULY 19, 1876.

Ordered, That all receipts taken by the treasurer for deposits in the Treasury of the United States of the funds of the District, now on file in the office, be delivered at once by the secretary to the comptroller; and that hereafter the treasurer shall file with the comptroller on the day he makes his deposits at the United States Treasury the voucher or vouchers for the same.

JULY 29, 1876.

Ordered, That the comptroller will not accept nor file in his office any order for payment of moneys on any account from any person after this date.

AUGUST 11, 1876.

Ordered, That the resignation of Fitzhugh Coyle, esq., of the office of comptroller of the District of Columbia, be accepted, to take effect on the 15th instant.

That the three offices of auditor, comptroller, and deputy comptroller be, and they are hereby, consolidated into one, under the name of *auditor*, except that all duties relating to the disbursement of moneys, which have been heretofore performed by the comptroller, shall hereafter be performed by the treasurer of the District.

That the auditor shall receive a salary of three thousand dollars (\$3,000) per annum, and give bond to the District of Columbia, to be approved by the Commissioners of the District, in the sum of \$50,000, conditioned for the faithful performance of his duties.

That the clerk in the auditor's office who shall be charged with the business of special assessments shall give a bond to the District of Columbia, to be approved by the Commissioners of said District, in the sum of \$20,000, conditioned for the faithful performance of such duties as shall be assigned to him by the auditor.

That George W. Beall is hereby appointed clerk. He will report to the auditor, who will assign to said Beall such duties as have heretofore been discharged by the deputy comptroller.

That the above orders shall take effect on the 15th of the present month.

That the issuing of licenses is hereby transferred from the office of collector to the office of treasurer; but this shall not be construed to prevent the collector from collecting, as at present, the legal fees for licenses.

AUGUST 12, 1876.

Ordered, That the seventh section of the order of yesterday, which relates to the transfer of the issuing of licenses from the office of collector to the office of treasurer, shall not go into effect until the 15th instant.

AUGUST 16, 1876.

In the matter of the Metropolitan Police Board, reported upon by the assistant attorney on the 12th instant, it is ordered :

1. That the said report is approved.
2. That two hundred and eighty-eight dollars and ten cents, the amount paid on account of said board since July 1st ultimo, be charged against the \$150,000, the amount to be paid by the District of Columbia under the act of Congress approved July 31, 1876, entitled "An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30, 1877, and for other purposes."
3. That the sum of four thousand eight hundred eighty dollars be reserved from said \$150,000 for the payment of rental of station-houses during the present fiscal year.
4. That the sum of \$1,150 be reserved from said \$150,000 for the payment of fuel for the uses of said board, including station-houses, during the current fiscal year.
5. That the sum of \$1,000 be reserved from said \$150,000 for the estimated cost of repairing station-houses during the current fiscal year.
6. That the balance of said \$150,000, to wit, \$142,681.90 be paid to the said board in twelve equal monthly installments of \$11,890.16 each, for the payment of all salaries and other expenses of said board during the current fiscal year not hereinbefore provided for, on the proper requisition of said board in favor of its treasurer received by him.
7. That the superintendent of property make immediately a careful itemized inventory of all the public property, exclusive of buildings, in charge of said board, (stating condition and estimated value,) including headquarters and station-houses, and take receipt therefor from the proper officer of said board.

AUGUST 19, 1876.

Ordered, 1. That paragraphs numbered two and three of the order of August 11, 1876, be, and they are hereby, rescinded.

2. That John T. Vinson is hereby appointed comptroller, vice Fitzhugh Coyle, resigned, and shall perform the duties of that office in addition to those of auditor. For his services in both offices he shall receive a salary at the rate of three thousand dollars per annum.

3. That the office of deputy comptroller be, and it is hereby, abolished.

4. That paragraph four of said order be, and it is hereby, amended to read as follows: That the clerk in the auditor's office who shall be charged with the business of collecting and accounting for special assessments, shall give a bond to the District of Columbia, to be approved by the Commissioners of the said District, in the sum of twenty thousand dollars, conditioned for the faithful performance of his duties.

5. That paragraph five of said order is hereby amended so as to read as follows: That George W. Beall is hereby appointed clerk provided for in the foregoing section, No. 4.

OCTOBER 27, 1876.

Ordered, Pursuant to the opinion and recommendations of the attorney of the District of Columbia of March 25, 1875, the superintendent of assessments is directed to certify as to the fact of a majority of the

real-estate owners and residents having approved the issuing of a license for the selling of liquor as provided in the tenth section of the act of the legislative assembly, approved August 23, 1871, imposing licenses.

OCTOBER 28, 1876.

Ordered, That the office of commissioner of deeds for the District of Columbia be, and the same is hereby, abolished. This action is taken because of the doubts entertained in some quarters as to the validity of the law of the legislative assembly creating this office, and the question which consequently arises as to the validity of the certificates of these commissioners to the acknowledgments of deeds.

II.—REPORT OF THE AUDITOR AND COMPTROLLER.

AUDITOR AND COMPTROLLER'S OFFICE, D. C.,

Columbia Building, Washington, December 1, 1876.

GENTLEMEN: I submit the following report of the operations of this office, and of the receipts and expenditures of the District government for the year ending November 30, 1876:

There were received during this period—

From appropriations:

Balances on hand December 1, 1875	\$914 15
Unexpended December 1, 1875.....	910, 631 00
Act July 31, 1876, maintenance of fire department...	25, 000 00

From taxes and revenues from other sources:

Balance on hand December 1, 1875	178, 102 57
Received since December 1, 1875.....	1, 287, 224 39

From anticipation of taxes:

By loan of Riggs & Co., act August 16, 1876.....	150, 000 00
--	-------------

Total receipts to December 1, 1876..... \$2, 551, 872 11

There was expended during the same period on account of—

Commissioners' office	\$24, 988 22
Auditor and comptroller's office.....	23, 080 25
Attorney's office.....	7, 533 92
Board of assessors.....	5, 915 19
Collector's office.....	13, 783 65
Commissioners of the sinking-fund.....	6, 463 96
Coroner's office.....	1, 875 01
Engineer's office and department.....	52, 175 07
Inspector of gas and meters.....	624 97
Superintendent of assessments and taxes office.....	7, 166 43
Treasurer's office.....	3, 564 10
Sundry expenses District office, including rent, fuel, repairs, general advertising, judicial expenses, &c.....	13, 250 96
Water registrar's office and department.....	128, 861 45
Metropolitan police.....	130, 364 57
Board of health, as required by law.....	22, 181 05
Board of health on account of garbage contract.....	15, 600 00
Board of health on account of medicines and medical attendance to the poor.....	6, 087 34
Public schools.....	376, 434 29
Board of audit.....	10, 174 67
Fire department.....	101, 312 34
Washington asylum.....	37, 712 33
Charities and correction.....	29, 174 96
Late District government.....	1, 413 48
Redemption county school-bonds.....	2, 550 00
Interest on funded debt of the District of Columbia and late corporations of Washington and Georgetown.....	533, 177 38
Interest on 3.65 bonds, act approved March 14, 1876.....	198, 622 79

Markets	\$56,584 65	
Police court	16,633 59	
Street lamps and gas	145,532 68	
Improvements and repairs	295,255 29	
Cleaning, sprinkling, and sweeping streets, alleys, &c.	49,359 63	
Payment of special-improvement taxes on District property	27,474 24	
Interest on Linthicum loan	3,200 00	
Advertising property in arrears for taxes	8,250 75	
Printing and engraving 3.65 bonds, payment of judgments, expenses condemning land for alleys, &c.	9,880 76	
Redemption of special-tax scrip, tax-lien and tax-sale certificates, and refunding erroneously-paid taxes and licenses	62,628 09	
Total expenditures		\$2,428,888 06
Balance		122,984 05
Less deficit in account of the late treasurer, James S. Wilson		10,041 83
Balance cash on hand December 1, 1876		112,942 22
The above balance is subject to deductions for outstanding obligations not yet matured, viz:		
For repairing engines of fire department	\$3,000 00	
For improvements and repairs in the vicinity of James Creek Canal	19,658 69	
For payment of loan of Riggs & Co. due January 10, 1877	150,000 00	
Total obligations		172,658 69
Deficit to be provided for		59,716 47

The revenues from taxes due the 1st instant, and other sources, will be sufficient to meet these obligations when they mature, and to pay the interest on the funded debt falling due January 1, 1877.

The accompanying statement, marked "Appendix A," will show more in detail the receipts, and "Appendix B" the expenditures, during the year. "Appendix C" will show appropriation balances on hand December 1, 1876.

The account of the late treasurer, James S. Wilson, has been audited, and there is found a balance of \$10,041.83 due from him for moneys received by him after the 29th April, 1876, and not deposited with the Treasurer of the United States, or accounted for.

The District is fully secured, and will not suffer any loss by his misapplication of its funds. A statement of the amount due from him has been transmitted to the attorney of the District for such proceedings as may be necessary for its recovery.

Statements of expenditures on account of special improvements on the unassessed streets are being prepared from the records of the late board of audit as rapidly as practicable, and will be transmitted to you as they are finished, as a basis for assessments against owners of property on the line of the improvements.

The number of audits made since my last annual report is 3,136, and of warrants drawn and countersigned in payment thereof, 15,568.

It gives me great pleasure to say that all legal claims against the present government of the District of Columbia have been audited and paid without delay; and this office is not informed of any such claim now due which remains unsatisfied.

Very respectfully,

JOHN T. VINSON,

Auditor and Comptroller District of Columbia.

The honorable COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

APPENDIX A.—Statement by the auditor and comptroller of the receipts of the District of Columbia, as reported by the treasurer, from December 1, 1875, to November 30, 1876.

	Detail.	Total.	Aggregate.
John F. Cook, collector, general receipts	\$1,005,966 14		
John F. Cook, collector, licenses	120,825 00	\$1,126,591 14	
T. Lubev, water-registrar, water rents and tax		97,294 37	
Northern market	4,697 52		
Eastern market	2,612 00		
Eastern market, (note account)	808 96		
Northeastern market	37 50		
Western market	1,608 40		
Georgetown market	1,176 23		
Sale of stalls, new western market	3,733 00		
		14,673 61	
Washington Market Company poor-fund		7,500 00	
Fines, criminal court	1,146 60		
Fines, police court	24,769 69		
Fines, Society for the Prevention of Cruelty to Animals	12 50		
		25,928 79	
Rent fish-wharf	387 67		
Rent of High street wharf	110 00		
Rent of streets, Georgetown	20 00		
Rent of building corner Ninth and K streets, northwest	5 00		
		522 67	
Grave sites, Washington asylum	7 00		
Sale of cows, Washington asylum	115 00		
		122 00	
Deputy comptroller, advertising special-tax sales	615 75		
Deputy comptroller, account late board public works	1,589 45		
		2,205 20	
Sale of old material	1,132 51		
Sale of horses, fire department	72 00		
		1,204 51	
Sale of building, colored schools	490 15		
Insurance, colored schools	54 57		
		534 72	
Sale of hay-scales		1,975 78	
Received for damage to lamp-post		13 02	
Notarial fees		19 61	
Assistant engineer's deposit account		380 00	
Found by coroner on body of P. McDonald, deceased		3 20	
Interest on bonds belonging to Washington school-fund		4,598 85	
Dividends from receiver of First National Bank, District of Columbia		3,251 54	
Refunded by James Riley		5 75	
Use of party-wall belonging to District of Columbia		61 21	
Y. A. Benter, justice of peace		4 00	
Opening street		22 77	
Refund by Public Printer, &c		10 84	
Note on account rent Seventeenth street wharf, paid by W. W. Rapley		370 78	
			\$1,287,224 39
Total from taxes and revenue			
Congressional appropriations:			
Act approved March 3, 1875, (general expenses District of Columbia)	885,631 00		
Act approved March 3, 1875, (fire department, 1875-76)	25,000 00		
Act approved July 31, 1876, (fire department, 1876-77)	25,000 00		
		935,631 00	
Total from appropriations			935,631 00
From loan negotiated with Riggs & Co.			150,000 00
Total receipts reported by the treasurer			2,372,855 39

JOHN T. VINSON,
Auditor and Comptroller.

OFFICE AUDITOR AND COMPTROLLER DISTRICT OF COLUMBIA,
Washington, December 2, 1876.

APPENDIX B.—Summary statement showing the amount paid on account of the government of the District of Columbia from December 1, 1875, (the date of last report,) to November 30, 1876, a period of twelve months.

Title of account.	Detail.	Total.	Aggregate.	Grand aggregate.
DISTRICT OFFICES.				
Commissioners' office:				
Compensation of Commissioners	\$15,000 00			
Compensation of employes	6,078 00			
Contingent expenses	3,910 22			
Total for Commissioners' office		\$24,988 22		
Auditor and comptroller's office:				
Compensation of employes	22,257 01			
Contingent expenses	623 24			
Total for auditor and comptroller's office		22,080 25		
Attorney's office:				
Compensation of employes	7,231 42			
Contingent expenses	302 50			
Total for attorney's office		7,533 92		
Board of assessors, 1875 and 1876:				
Compensation of employes	1,288 42			
Contingent expenses	15 25			
Total for assessors, 1875 and 1876		1,303 67		
Board of assessors, 1876 and 1877:				
Compensation of employes	3,950 36			
Contingent expenses	415 48			
Advertising for	245 68			
Total for assessors, 1876 and 1877		4,611 52		
Collector's office:				
Compensation of employes	12,407 15			
Contingent expenses	1,376 50			
Total for collector's office		13,783 65		
Commissioners of the sinking-fund:				
Compensation of employes	5,463 96			
Rent of office	1,000 00			
Total for commissioners of the sinking-fund		6,463 96		
Coroner's office:				
Compensation of coroner	1,650 01			
Contingent expenses	225 00			
Total for coroner's office		1,875 01		
Engineer's office and department:				
Compensation of employes	45,582 38			
Contingent expenses	5,426 17			
Advertising	818 12			
Rent of property-yards and branch offices	348 40			
Total for engineer's office, &c.		52,175 07		
Inspector of gas and meter's office:				
Compensation of employes	624 97			
Total for inspector of gas, &c., office		624 97		
Superintendent of assessment's office:				
Compensation of employes	6,686 29			
Contingent expenses	480 14			
Total for superintendent of assessments, &c.		7,166 43		
Treasurer's office:				
Compensation of employes	3,420 00			
Contingent expenses	144 10			
Total for treasurer's office		3,564 10		
Various:				
Compensation of harbor-master	80 00			
Compensation of dealer of weights and measures	186 67			
Compensation of persons in charge of records of the late board of audit	1,197 22			
Fuel for District offices	860 96			
Ice for District offices	142 66			
Gas used in District offices	751 43			
Repairs to furniture, doors, &c.	1,100 79			
Rent of building for offices	5,000 00			
Insurance on furniture in District offices	62 50			
General advertising	2,310 05			
Judicial expenses	1,558 68			
Total for sundries		13,250 96		
Aggregate for District offices		\$160,421 73		

APPENDIX B.—Summary statement showing the amount paid, &c.—Continued.

Title of account.	Detail.	Total.	Aggregate.	Grand aggregate.
WATER DEPARTMENT.				
Water-registrar's office:				
Compensation of employes	\$7,742 40			
Contingent expenses	1,006 02			
Advertising for	199 41			
Total for water-registrar's office		\$8,947 83		
Water department:				
Compensation of laborers, &c.	55,791 20			
Contingent expenses	64,122 42			
Total for water department		119,913 62		
Aggregate for office and department			\$128,861 45	
METROPOLITAN POLICE.				
Compensation of officers, members, and employes ..	116,755 30			
Contingent expenses	5,394 80			
Fuel for station-houses	1,004 80			
Rent of station-houses	4,740 00			
Repairs to station-houses	2,469 67			
Aggregate for metropolitan police			130,364 57	
BOARD OF HEALTH.				
Sanitary purposes	22,181 65			
Collecting and removing garbage	15,600 00			
Medicines and medical attendance to poor	6,087 34			
Aggregate for board of health			43,868 99	
PUBLIC SCHOOLS OF THE DISTRICT.				
Washington public schools:				
Compensation of superintendent, teachers, and janitors	143,344 65			
Contingent expenses	14,289 34			
Fuel for	6,601 74			
Repairs to buildings	8,699 35			
Furniture for	4,239 79			
Erection of buildings	10,739 29			
Insurance on buildings and furniture	842 19			
Rent of buildings	18,023 50			
Total for Washington schools		206,769 85		
Georgetown public schools:				
Compensation of superintendent, teachers, and janitors	15,779 68			
Contingent expenses	2,603 59			
Fuel for	1,058 50			
Repairs to buildings	291 55			
Insurance on buildings and furniture	230 00			
Total for Georgetown schools		19,963 32		
County public schools:				
Compensation of superintendents, teachers, and janitor	28,972 18			
Contingent expenses	4,001 81			
Repairs to buildings	1,015 73			
Insurance on buildings and furniture	560 07			
Furniture for	80 50			
Fuel for	1,118 89			
Total for county schools		35,749 18		
Colored public schools:				
Compensation of superintendent, teachers, and janitors	71,265 96			
Contingent expenses, including repairs to buildings	8,176 99			
Fuel	2,610 63			
Furniture	3,175 11			
Erection of building	23,763 75			
Insurance on buildings and furniture	414 50			
Rent of buildings	1,763 00			
Total for colored schools		111,169 94		
Purchase of school site		2,782 00		
Aggregate for public schools			376,434 29	

APPENDIX B.—Summary statement showing the amount paid, &c.—Continued.

Title of account.	Detail.	Total.	Aggregate.	Grand aggregate.
BOARD OF AUDIT.				
Compensation of the board and employes	\$10,066 13			
Contingent expenses.....	108 54			
Aggregate for board of audit			\$10,174 67	
FIRE DEPARTMENT AND ALARM.				
Compensation of officers and members.....	54,675 17			
Contingent expenses.....	42,519 72			
Repairs to engine-houses.....	2,143 18			
Fuel.....	949 27			
Purchase of horses.....	1,025 00			
Aggregate for fire department			101,312 34	
CHARITIES AND CORRECTIONS.				
Washington asylum:				
Compensation of employes	6,049 84			
Contingent expenses	26,690 09			
Fuel.....	2,250 05			
Insurance on building	80 00			
Erection of new hospitals at.....	2,642 35			
Total for Washington asylum		\$37,712 33		
Georgetown almshouse:				
Support of paupers at	1,695 75			
Insurance on building	56 00			
Total for Georgetown almshouse.....		1,751 75		
Sundries:				
Freedmen's hospital, treatment of sick paupers at.....	127 60			
Insane asylum, treatment of insane paupers at	1,586 43			
Transportation of paupers	493 40			
Charitable institutions, payments to	8,644 05			
Reform School, support of	15,407 73			
Immediate relief of the poor under act of Congress, approved March 3, 1875.....	400 00			
Coffins to deceased paupers	28 50			
Conveying prisoners to workhouse.....	735 50			
Total for sundries.....		27,423 21		
Aggregate for charities, &c.....			66,887 29	
LATE DISTRICT GOVERNMENT.				
Compensation of employes.....	460 40			
Payments to contractors' laborers	217 35			
Redemption of notes indorsed by governor	735 73			
Aggregate for late government			1,413 48	
SINKING-FUND COMMISSIONERS.				
Redemption of county school bonds.....		2,550 00		
Interest on District bonds	440,128 34			
Interest on bonds of the late corporation of Washington	64,239 74			
Interest on bonds of the late corporation of Georgetown.....	15,501 30			
Interest on water-certificates	13,308 00			
Total interest to sinking-fund commissioners.....	533,177 38			
Interest on 3.65 bonds due February 1, 1876, by transfer check No. 11	196,622 79			
Total interest on bonds		731,800 17		
Aggregate for redemption and interest.....			734,350 17	
MARKETS.				
Eastern and Northeastern markets:				
Compensation of market-master	1,653 79			
Contingent expenses	395 40			
Total for Eastern and Northeastern markets.....		2,049 19		

APPENDIX B.—Summary statement showing the amount paid, &c.—Continued.

Title of account.	Detail.	Total.	Aggregate.	Grand aggregate.
MARKETS—Continued.				
Northern market:				
Compensation of market-master	\$1,525 83			
Contingent expenses	422 32			
Total for Northern market		\$1,948 15		
Western market:				
Compensation of market-master	1,096 61			
Contingent expenses	441 04			
Total for Western market		1,467 65		
Georgetown market:				
Compensation of market-master	988 27			
Contingent expenses	515 87			
Insurance on	75 00			
Total for Georgetown market		1,639 14		
Sundries:				
Rent of market-site	350 00			
Erection of new market	49,130 52			
Total for sundries		49,480 52		
Aggregate for markets			\$56,524 65	
POLICE COURT.				
Compensation of employes	9,814 44			
Rent of building	1,200 00			
Expenses, including witness-fees	3,897 65			
Marshal's fees	1,721 50			
Aggregate for police court			16,633 59	
STREET-LAMPS AND GAS.				
Washington:				
Lighting, cleaning, extinguishing, and for gas ..	126,035 77			
Repairs to street-lamps	162 42			
Erection of street-lamps	3,629 08			
Lettering street-lamps	130 00			
Total for Washington lamps		129,957 27		
Georgetown:				
Gas used in street-lamps	12,612 34			
Repairs to street-lamps	278 92			
Erection of street-lamps	565 40			
Lettering street-lamps	150 00			
Contingent expenses in lighting street-lamps ..	48 75			
Compensation of lamplighters	1,920 00			
Total for Georgetown lamps		15,575 41		
Aggregate for street-lamps and gas			145,532 68	
IMPROVEMENTS AND REPAIRS, DISTRICT OF COLUMBIA.				
Payments to contractors and for material	148,719 20			
Compensation of levelers, laborers, axmen, &c., engineer's department	86,678 69			
Improvement of reservation in front of Center market	1,844 33			
Repairs to concrete pavements	10,201 69			
Rebuilding James Creek Canal	875 00			
Erection of public urinals	1,349 41			
Laying water-main on Pennsylvania avenue	24,988 86			
Laying water-main to new jail	467 00			
Apportionment to parking-commission	20,131 11			
Total for above improvements		295,255 29		
Cleaning, sprinkling, and sweeping streets, alleys, &c		49,359 63		
Aggregate for improvements, &c			344,614 92	
MISCELLANEOUS.				
Advertising property in arrears for taxes	8,250 75			
Printing checks on United States Treasury	230 40			
Auctioneer's fees for selling real estate, &c	140 00			
Expenses in condemning alleys	325 02			

APPENDIX B.—*Summary statement showing the amount paid, &c.—Continued.*

Title of account.	Detail.	Total.	Aggregate.	Grand aggregate.
MISCELLANEOUS—Continued.				
Payment of judgments against the District	\$4,480 05			
Payment of damages	80 00			
Printing 3.63 bonds	3,301 00			
Interest on Linticum Institute loan	3,200 00			
Balance due on bills of the fire of 1871 and 1872, under act of Congress approved March 3, 1875	4 00			
Payments to register of wills for list of transfers and for books	621 32			
Absatement of nuisances	107 00			
Payment of special taxes on District property	27,474 24			
Refund amount deposited by levelers for instru- ments	160 00			
Aggregate for above miscellaneous			\$48,333 78	
HAY-SCALES.				
Expenses of sale	108 97			
Repairs to	73 00			
Erection of	290 00			
Aggregate for hay-scales			471 97	
SPECIAL.				
Redemption of Pennsylvania avenue scrip	1,778 92			
Redemption of tax-sale certificates	10,513 64			
Redemption of special-tax scrip	29,153 32			
Redemption of tax-lien certificates	16,960 05			
Refunding erroneously-paid licenses, taxes, &c	4,222 16			
Aggregate of special accounts			62,628 00	
Grand aggregate				\$2,528,288 06

JOHN T. VINSON,
Auditor and Comptroller District of Columbia.

APPENDIX C.—*Statement of appropriations made by Congress, showing balances on hand December 1, 1875, amount since appropriated, amount expended from December 1, 1875, to November 30, 1876, and balances unexpended November 30, 1876.*

Title of appropriation.	Balance to credit Decem- ber 1, 1875 or amount since appropriated.	Amount expended from December 1, 1875, to November 30, 1876.	Balance unexpended No- vember 30, 1876.
Payment debts fire department, act June 23, 1874	\$49		\$49
Payment of laborers, act June 23, 1874	217 35	\$217 35	
Pay a portion general expenses District of Columbia, act March 3, 1875	885,631 00	885,631 00	
Pay a portion general expenses District of Columbia, (deficiency,) act March 3, 1875	296 31	4 00	292 31
Relief of the poor, act March 3, 1875	400 00	400 00	
Maintenance fire department, act March 3, 1875	25,000 00	25,000 00	
Maintenance fire department, act July 31, 1876	25,000 00	25,000 00	
	936,545 15	936,252 35	292 80

JOHN T. VINSON,
Auditor and Comptroller.

AUDITOR AND COMPTROLLER'S OFFICE, DISTRICT OF COLUMBIA,
Washington, December 2, 1876.

III.—REPORT OF THE COMMISSIONERS OF THE SINKING-FUND.

OFFICE OF THE COMMISSIONERS OF THE SINKING-FUND,
Washington, D. C., November 29, 1876.

GENTLEMEN: The operations of this office since our last report have been as follows:

Of the 3.65 bonds issued under act of Congress approved 20th June, 1874, there were outstanding at the date of our last report.....	\$12, 056, 300
Since then there has been issued in exchange for certificates of the board of audit, until the conversion was stopped by the action of Congress	1, 686, 950
Making total issue to date.....	13, 743, 250
Of the special-assessment 8 per cent. bonds secured by assessment on the property there was outstanding per last report.....	\$1, 142, 650
There has been redeemed and canceled since then, having been received in payment of special assessments.....	143, 950
Leaving amount outstanding	998, 700

No interest has been paid on these bonds since the 1st of July, 1874, but in receiving them in settlement of assessments interest is allowed on them to the date of such payment.

There are in the hands of this commission, as security for the ultimate redemption and extinction of the above-named amount of bonds, assessments amounting to (exclusive of the interest due on them)....	\$755, 087 98
To this should be added the amount of bills recently issued and remaining unpaid, for which certificates will be deposited with us	481, 669 72
Making a total of	1, 236, 757 70

Of the funded debt of the District of Columbia there was outstanding at the date of our last report	\$8, 441, 113 43
---	------------------

This has since been reduced by redemption of bonds, as follows:

Permanent-improvement 7 per cent. currency bonds	\$7, 300 00
County-school 7 per cent. currency bonds.....	2, 550 00
Ten-year (Bowen) 6 per cent. currency bonds.....	7, 100 00
Funding loan 6 per cent. coin bonds, (act of assembly)	2, 300 00
Three year (Emery) 7 $\frac{3}{8}$ per cent. currency bonds	300 00
Five year (Emery) 7 $\frac{1}{8}$ per cent. currency bonds.....	12, 150 00

And of stocks, as follows:

Corporation of Washington 5 per cent. registered stock	1, 807 00
Corporation of Washington 6 per cent. registered stock	517 22
Corporation of Georgetown 6 per cent. registered stock	1, 513 00
	35, 537 22
Leaving outstanding at this time.....	8, 405, 576 21

The bonds referred to above, as well as coupons paid to date, have been sent to the Secretary of the Treasury to be destroyed by burning, as required by law.

The interest of the various obligations of the District, as above stated, has been promptly met from funds turned over to us from your honorable board.

The early attention of Congress should be called to the necessity of appropriate legislation to carry out the pledge upon the part of the United States in section 7 of an act of Congress approved June 20, 1874, entitled "An act for the government of the District of Columbia, and for other purposes," and to prevent default or delay in the payment of the interest on the bonds authorized by said act, which interest is

by an act approved February 20, 1875, (amending said act of June 20, 1874), made payable at the Treasury of the United States.

Permanent provision should be made for the payment by the Secretary of the Treasury of the interest on these bonds (known as the 3.65 per centum bonds of the District of Columbia) as the same matures.

We beg to renew our recommendation that the functions of this commission be transferred, by appropriate legislation, to the Treasury of the United States, where the funds of the District are now kept, its securities finally destroyed, and where the transfer of the 3.65 bonds is now made.

The operations of this office for the past year show a satisfactory steadiness in the financial affairs of the District, economy in the management of its affairs, and a gradual approximation to that simplicity of financial method which should, in our opinion, characterize the transactions of this District.

We transmit herewith an estimate of the amount required to pay the interest of the funded debt for the next fiscal year, showing the amount required to be \$516,895.57, or \$1,465.31 less than last year; of which amount \$348,600 is gold and \$168,295.57 currency.

The interest on the 3.65 bonds being paid directly from the Treasury of the United States, as ordered by Congress, no estimate therefor is submitted by us.

HORACE J. FROST,

Secretary, for Commissioners of the Sinking-Fund.

To the Hon. COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

Comparative exhibit of the funded indebtedness of the District of Columbia and of the late corporations of Washington and Georgetown, December 1, 1874, and December 1, 1876.

Kind of bonds.	Outstanding, as per exhibit, December 1, 1874.	Since retired.	Outstanding, December 1, 1876.
Of the District of Columbia—			
Permanent-improvement coupon-bonds, issued under an act of assembly, approved July 10, 1871; 6 per cent. gold interest.....	\$4,000,000 00	.....	\$4,000,000 00
Permanent-improvement coupon-bonds, issued under acts of assembly, approved June 23 and 25, 1873; 7 per cent. currency interest.....	790,000 00	\$120,000 00	670,000 00
Chicago-relief coupon-bonds, issued under an act of assembly, approved October 18, 1871; 7 per cent. currency interest.....	100,000 00	100,000 00	.....
Market-stock coupon-bonds, issued under an act of assembly, approved August 23, 1871; 7 per cent. currency interest.....	152,400 00	.....	152,400 00
Water-stock coupon-bonds, issued under acts of assembly, approved July 20, 1871, and June 26, 1873; 7 per cent. currency interest.....	485,000 00	39,000 00	446,000 00
County-school coupon-bonds, issued under an act of assembly, approved June 26, 1873; 7 per cent. currency interest.....	18,200 00	16,250 00	1,950 00
Making.....	5,545,600 00	275,250 00	5,270,350 00
Of the late corporation of Washington—			
Funding-loan coupon-bonds, issued under an act of Congress, approved May 8, 1872; 6 per cent. gold interest.....	1,150,000 00	.....	1,150,000 00
Funding-loan coupon-bonds, issued under an act of assembly, approved June 20, 1872; 6 per cent. gold interest.....	1,650,000 00	990,000 00	660,000 00
Ten-year (Bowen) coupon-bonds, issued under an act of Congress, approved July 27, 1868; 6 per cent. currency interest.....	351,400 00	68,400 00	285,000 00

Comparative exhibit of the funded indebtedness of the District of Columbia, &c.—Continued.

Kind of bonds.	Outstanding, as per ex- hibit, De- cember 1, 1874.	Since retired.	Outstanding, December 1, 1876.
Of the late corporation of Washington—Continued.			
Three-year (Emery) coupon-bonds, issued under an act of Congress, approved July 7, 1870; 7 3-10 per cent. currency interest.....	\$3,100 00	\$3,000 00	\$100 00
Five-year (Emery) coupon-bonds, issued under an act of Congress, approved July 15, 1870; 7 3-10 per cent. currency interest.....	192,450 00	191,800 00	650 00
Registered stock, act August 19, 1828; 5 per cent. currency interest.....	54,807 00	1,807 00	53,000 00
Registered stock, act October 25, 1843; 6 per cent. currency interest.....	685,517 22	517 22	685,000 00
Registered canal-stock, act April 14, 1847; 6 per cent. currency interest.....	48,800 00		48,800 00
Registered water-stock, act June 2, 1859; 6 per cent. currency interest.....	85,777 00	85,777 00	
Making	4,221,851 22	1,339,301 22	2,882,550 00
Of the late corporation of Georgetown—			
Steam force-pump coupon-bonds, issued under act of assembly, approved June 26, 1873; 7 3-10 per cent. currency interest.....	8,500 00	6,000 00	2,500 00
Registered general stock; 6 per cent. currency interest.....	180,885 00	1,513 00	179,372 00
Registered general stock; 8 per cent. currency interest.....	20,000 00		20,000 00
Registered bounty-stock; 6 per cent. currency interest.....	20,000 00		20,000 00
Registered market-stock; 6 per cent. currency interest.....	30,804 21		30,804 21
Making	260,189 21	7,513 00	252,676 21
RECAPITULATION OF FUNDED DEBT.			
District of Columbia.....	5,545,600 00	275,250 00	5,270,350 00
Corporation of Washington.....	4,221,851 22	1,339,301 22	2,882,550 00
Corporation of Georgetown.....	260,189 21	7,513 00	252,676 21
	10,027,640 43	1,622,064 22	8,405,576 21
Amount of debt, December 1, 1874, (as above).....		10,027,640 43	
Less bonds then on hand.....		1,143,700 00	
			8,883,940 43
Amount of debt, November 1, 1876, (as above).....			8,405,576 21
Making a reduction of			478,364 22

The commissioners of the sinking-fund have in hand the following assets, which if disposed of and applied would still further reduce the amount of debt, to wit:

Cash to meet outstanding five-year Emery certificates, (past due).....	\$650 00
Chesapeake and Ohio Canal bonds, par value.....	75,000 00
Washington and Alexandria Railroad bonds, (in litigation,) par value.....	59,000 00

Amount of fifty-year 3.65 bonds, issued under an act of Congress approved July 20, 1874, to December 1, 1876..... \$13,743,250 00

MOSES KELLY, Treasurer.

OFFICE OF THE COMMISSIONERS OF THE SINKING-FUND,
WASHINGTON, December 1, 1876.

Estimate of funds required to pay interest on the funded indebtedness of the District of Columbia (not including the fifty-year bonds) for the fiscal year ending June 30, 1878.

For interest on \$4,000,000 00	6 per cent. (gold) bonds, issued under act of July 10, 1871.....	\$240,000 00
For interest on 670,000 00	7 per cent. (currency) bonds, issued under act of June 23 and 25, 1873; permanent improvement.....	46,900 00
For interest on 152,400 00	7 per cent. (currency) bonds, issued under act of August 23, 1871; market-stock....	10,668 00
For interest on 446,000 00	7 per cent. (currency) bonds, issued under acts of July 25, 1871, and June 26, 1873, water-stock.....	31,220 00
For interest on 1,950 00	7 per cent. (currency) bonds issued under act of June 26, 1873; county school....	136 50

For interest on \$1,150 000 00	6 per cent. (gold) bonds, issued under act of May 8, 1872; Washington City funding	\$69,000 00
For interest on 660,000 00	6 per cent. (gold) bonds, issued under act of June 20, 1872; Washington City funding	39,600 00
For interest on 285,000 00	6 per cent. (currency) bonds, issued under act of July 27, 1868; ten-year bonds....	17,100 00
For interest on 53,000 00	5 per cent. (currency) registered quarterly stock of late corporation of Washington.	2,650 00
For interest on 685,000 00	6 per cent. (currency) registered quarterly stock of late corporation of Washington.	41,100 00
For interest on 48,800 00	6 per cent. (currency) registered canal-stock of late corporation of Washington.....	2,928 00
For interest on 179,372 00	6 per cent. (currency) registered quarterly stock of late corporation of Georgetown.	10,762 32
For interest on 20,000 00	6 per cent. (currency) registered quarterly stock of late corporation of Georgetown.	1,200 00
For interest on 30,804 21	6 per cent. (currency) registered quarterly stock of late corporation of Georgetown.	1,848 25
For interest on 20,000 00	8 per cent. (currency) registered quarterly stock of late corporation of Georgetown.	1,600 00
For interest on 2,500 00	7 ³ / ₈ per cent. (currency) bonds issued under act of June 26, 1873, steam force-pump.	182 50
<hr/> 8,404,726 21 <hr/>		<hr/> 516,895 57 <hr/>

Amount of last year's estimate on this account..... \$518,360 88
Amount of present estimate, as above..... 516,895 57

Showing a reduction in interest of 1,465 31

MOSES KELLY,
Treasurer.

OFFICE OF THE COMMISSIONERS OF THE SINKING-FUND,
November 30, 1866.

The District of Columbia in account with the commissioners of the sinking-fund.

Dr.		Cr.	
For amounts disbursed.		By amounts received.	
Washington and Alexandria Railroad bonds.....	\$59,000 00	Parts of certificates of board of audit relinquished.....	\$484 72
Interest on Washington and Alexandria Railroad bonds.....	5,681 33	3.65 per cent. fifty-year bonds.....	13,743,250 00
Chesapeake and Ohio Canal bonds.....	75,060 00	District of Columbia.....	1,108,234 94
Coin account, First National Bank, New York, (including coupons paid).....	154,086 30		
Water-fund account, National Metropolitan Bank.....	952 54		
Farmers' and Mechanics' National Bank, Georgetown.....	2,625 32		
Certificates of the board of audit.....	13,742,012 17		
Cash received, (difference between certificates and 3.65 bonds).....	1,722 55		
Special improvement tax-lien certificates.....	755,087 98		
National Metropolitan Bank.....	9,141 97		
Coin account, National Metropolitan Bank.....	4,761 00		
First National Bank, New York, (including coupons paid).....	41,898 50		
<hr/> 14,851,969 66 <hr/>		<hr/> 14,851,969 66 <hr/>	

MOSES KELLY, Treasurer.

OFFICE OF THE COMMISSIONERS OF THE SINKING-FUND,
Washington, D. C., December 1, 1876.

IV.—REPORT OF THE COLLECTOR.

COLLECTOR'S OFFICE, DISTRICT OF COLUMBIA,
Washington, D. C., December 1, 1876.

Hon. COMMISSIONERS FOR THE DISTRICT OF COLUMBIA:

GENTLEMEN: In accordance to request the following detailed statement of the transactions of this department since date, December 1, 1875, of last report is herewith submitted:

Receipts from December 1, 1875, to December 1, 1876.

From general taxes for Washington City for year ending June 30, 1877 .	\$60,828 18
From general taxes for Georgetown for year ending June 30, 1877.....	4,780 80
From general taxes for Washington County for year ending June 30, 1877.....	2,106 99
From personal taxes for Washington City for year ending June 30, 1877.....	3,349 51
From personal taxes for Georgetown for year ending June 30, 1877.....	767 77
From personal taxes for Washington County for year ending June 30, 1877.....	144 02
From general taxes for Washington City for year ending June 30, 1876.....	538,822 60
From general taxes for Georgetown for year ending June 30, 1876.....	36,564 92
From general taxes for Washington County for year ending June 30, 1876.....	55,803 59
From general taxes for Washington City for year ending June 30, 1875.....	114,919 67
From general taxes for Georgetown for year ending June 30, 1875.....	6,095 58
From general taxes for Washington County for year ending June 30, 1875.....	8,471 97
From general taxes for Washington City for year ending June 30, 1874.....	49,971 79
From general taxes for Georgetown for year ending June 30, 1874.....	3,420 78
From general taxes for Washington County for year ending June 30, 1874.....	3,990 21
From tax liens for year ending June 30, 1873.....	18,992 03
From tax liens for year ending June 30, 1872.....	2,358 16
From licenses.....	120,624 99
From arrearages of taxes, corporation of Washington.....	9,429 80
From arrearages of taxes, levy court.....	1,534 24
From special taxes, corporation of Washington.....	26,599 36
From water taxes, (advertised).....	14,460 51
From advertisement, 1876.....	3,749 01
From advertisement, 1875.....	8,703 66
From advertisement, 1872.....	59 73
From permits.....	2,206 10
From paving Pennsylvania avenue.....	2,453 96
From advertisement November 18, 1874, on account Pennsylvania avenue scrip.....	51 04
From Center Market.....	25 00
From Eastern Market.....	50 00
From Northern Market.....	10 42
From Western Market.....	1,754 45
From Georgetown Market.....	1,059 17
From Farmers' and Butchers' Market, Georgetown.....	50 00
From deposit on account of tax sale June 29, 1875.....	181 79
From redemptions on account of tax sale June 29, 1875.....	6,785 30
From redemptions on account of tax-lien sales.....	3,276 87
From deposit on account of tax-lien sales Jan. 3, 1876.....	8,586 14
From deposit on account of tax sale June 13, 1876.....	3,501 58
From redemption on account of tax sales June 13, 1876.....	48 45
From advertisement by register, Washington County, 1869.....	1 00
Total amount received.....	1,126,591 14

Of the above amount, received by the District of Columbia through this office, the following amounts are received on account of trust-

funds, and paid over, as soon as received, to the parties, on demand by the auditor :

Tax-lien certificates, as exhibited by records of auditor's office	\$16, 149 73
Arrearages, corporation of Washington.....	9, 229 80
Arrearages, levy court.....	1, 534 24
Special taxes, corporation of Washington.....	26, 599 36
Paving Pennsylvania avenue.....	2, 453 96
Redemption on account of tax sale June 29, 1875.....	6, 785 30
Redemption on account of tax-lien sales.....	3, 276 87
Redemption on account of tax sale June 13, 1876.....	48 45
Total amount	66, 077 71

The total taxable real estate in the District for the fiscal year ending June 30, 1876, as shown by the superintendent of assessments and taxes, by the footings of the general tax-books, is—

Washington City.....	\$78, 818, 934
Georgetown	5, 849 317
Washington County, or District of the two cities.....	8, 784, 433
Total valuation	93, 452, 684

The uniform levy of one and a half per cent. upon the above amount of assessed valuations shows the aggregate amount of tax to be.....	\$1, 401, 790 26
Of which amount of tax, payable in two installments, there was collected prior to December 1, 1875, (from October 4 to December 1, 1875).....	560, 527 26
Since December 1, 1875, on account of above levy, (for year ending June 30, 1876,) there has been collected to December 1, 1876	631, 191 11
Balance due on account of said levy.....	210, 071 89

Of the levy for year ending June 30, 1876, about eighty-five per centum has been collected, which percentage, compared with the collections of previous years, indicates favorably the acceptability of the installment system of collections.

Of the amount of arrears of taxes exhibited in report of December 1, 1875, to be.....	\$1, 218, 428 91
There was estimated to be about twenty-five per cent. of special tax, leaving a balance of	913, 821 68
There has been collected since that date the following amounts :	
On account of taxes for year ending June 30, 1875.....	129, 467 22
On account of taxes for year ending June 30, 1874	57, 382 78
On account of taxes for year ending June 30, 1873	21, 350 19
Arrearages of general tax for previous years due corporation of Washington	9, 429 80
Arrearages of general tax for previous years due levy court, (Washington County).....	1, 534 24
Arrearages of water tax, (advertised,) estimated.....	7, 730 26
On account of cost incurred in advertisement, June 29, 1875.....	8, 703 66
On account of advertisement, October 14, 1872.....	59 73
Leaving a balance on account of arrearages of tax reported December 1, 1875.....	678, 143 80

A larger percentage of this arrear balance would doubtless have been collected but for the extension of time allowed by Congress, (act approved June 12, 1876,) to June 29, 1877.

As the District of Columbia has, by reason of the want of bids sufficient at the tax sales under acts approved June 20, 1874, and March 3, 1875, become the purchaser for the amount of taxes and expenses accrued of a large amount of property by tax-sale purchase, and as the time for redemption allowed by law already extended one year will be terminated June 29, 1877, and only 20 per cent. thereof collected since date of last report; and as the law provides that in the event of said prop-

erty not being redeemed within said period a deed shall issue to the District of Columbia, and thereafter the title to the same shall rest in the said District as in cases of individual purchase, a question will present itself as to the enjoyment or use of this property so acquired by the the District, and whether any power will be given whereby the same can be sold by the District. Questions have already been raised as to the assignment of the District's purchase to others. Your attention is called to this matter with the view of securing for the District whatever of legislation may be deemed best under the circumstances. A considerable portion of this arrearage is due on property of which portions have been transferred to others, who are ready and willing, in many instances, to cancel these arrearages of tax-accounts against their individual parts, but are estopped by reason of a lien certificate, special-tax certificate, or tax-sale certificate having been issued against the original lot, whereof their property is only a subdivision. In order to meet this exigency it is recommended that power be granted in every case where the District of Columbia holds any of these certificates to make equitable division of such arrearages of tax, costs, accrued interest, penalty, and other expenses. And in order to prevent a like embarrassing contingency, that legislation be asked for the benefit of the District, whereby all transfers by conveyance be forbidden record until a certificate of the collector shall be given setting forth the payment of all taxes on his books against such property about to be transferred. A large amount of arrearage is still maintained and extends for years backward on some properties; and in order to facilitate the collection of said arrearages of tax, and to form a secure basis by which they may be collected, and that the condition of real estate in reference to such taxes may be known, the following is recommended:

First. That all the general taxes for the past years to the present fiscal year ending June 30, 1876, inclusive, be collected, together with all special taxes, of whatsoever character, levied by the late corporation of Washington, and water-taxes advertised, with all accrued interest, penalty, costs, &c.

Second. That the sales for taxes made October 14, 1872, June 29, 1875, and June 13, 1876, together with all tax-lien sales, be noted.

Third. That the above be recorded in a book known as the "Arrearages of Taxes, Washington, D. C." The squares to be recorded in numerical order, stating to whom the property was assessed at the time the tax may have been levied, giving all reference to original tax-ledgers, and information that may be deemed proper. That all payments on account of such taxes be posted in said book or books from the day-books of this office.

Fourth. That the attorney of the district or officer drawing deeds for unredeemed property purchased at tax-sale be required to transmit to this office a record of all deeds issued on account of all tax-sales, stating the date of issue and day of sale, together with the names to whom the property was assessed and to whom the property is deeded, for proper record in this office. And in order that the above suggestion may be carried out, it is recommended that a sufficient amount be apportioned to do said work. This is recommended at the suggestion of many attorneys and others, parties interested in land-records, and is due to all taxpayers and individuals about to purchase, that they may have a correct knowledge of the state of taxes on the property in which they may be interested.

The quarterly exhibits of interest due on account of the funded debt stock of the late corporation of Washington and Georgetown, D. C.,

have been regularly made up in this office and transmitted in due time to the commissioners of the sinking-fund.

The following is a statement of the transfer of stock of the late corporation of Washington and Georgetown, made during the period commencing December 1, 1875, the date of the last report made to your office, and ending November 30, 1876, by this office, in accordance with an act approved August 23, 1871:

WASHINGTON STOCK.

Six per centum corporation.

1875.		
Dec.	2. To Thomas Bayne, from W. Parris, attorney	\$500 00
1876.		
Jan.	8. Thomas Bayne, from Jos. Anthony, by Thomas Bayne, attorney ..	1,500 00
	17. Dickson & Patterson, from Ida G. Stewart	500 00
	20. Margaret Kenney, from Dickson & Patterson	500 00
	21. George F. Gulick, from J. C. Dulin and George F. Gulick, executors.	1,500 00
Feb.	2. Robert W. McPherson, from Arthur Fendall, by C. C. Glover, attorney	1,000 00
	5. Henry F. Davis, from Ida G. Stewart	834 00
	23. Stephen P. Hill, from Henry F. Davis	500, 00
March	11. Lewis Johnson & Co., from L. A. Draper, James G. Payne, and A. Balmain, executors	1,000 00
	15. H. L. Offutt, from Lewis Johnson & Co., by attorney	1,000 00
May	1. Lewis Johnson & Co., from Wm. M. Maddox	500 00
	4. Susan R. Green, from Lewis Johnson & Co.	1,000 00
	4. Michael Green, from Lewis Johnson & Co.	700 00
	4. John W. Paine, guardian, from Chas. C. Glover, attorney	3,500 00
	13. Lewis Johnson & Co., from Riggs & Co., attorneys	1,700 00
	16. Lewis Johnson & Co., from Guido Batti, by Riggs & Co., attorneys.	6,910 00
	26. H. L. Offutt, from Lewis Johnson & Co., by attorney	1,000 00
June	2. Thomas Bayne, from Lewis Johnson & Co., by attorney	3,000 00
	7. Miss C. V. Simms, from Lewis Johnson & Co., by attorney	1,500 00
	7. Mary G. Simms, from Lewis Johnson & Co., by attorney	1,500 00
	8. Watson Freeman, from Helen W. Frailley, by attorney	500 00
	14. Adam L. Ross, treasurer, from W. T. Bright, treasurer, H. L., No. 9, I. O. O. F.	400 00
Aug.	22. Stephen P. Hill, from Lewis Johnson & Co., by attorney	2,000 00
	22. Holmes E. Offley, trustee, from Lewis Johnson & Co., by attorney.	10 00
	26. Stephen P. Hill, from H. Clay Stewart, by attorney	1,000 00
Sept.	4. Lewis Johnson & Co., from Annie L. Berry	1,260 00
	15. Charles A. James, from Lewis Johnson & Co., by attorney	517 00
	18. Charles A. James, from Lewis Johnson & Co., by attorney	22
Oct.	2. Mrs. Susan B. Stevens, from Susan B. Stevens, guardian	1,900 00
	2. Catharine M. Yoe, from Wm. M. Maddox, guardian	2,713 00
	3. Mary Canovan, from Henry F. Davis	250 00
	6. Wm. A. Duncan, from Charles A. Boyd	200 00
	26. Henry F. Davis, from D. Huston McCarthy	800 00
Nov.	1. Chauncey Smith, from Lewis Johnson & Co.	742 78
	2. Maria O. Reiley, from estate of Eliza Barry	3,500 00
	10. John L. Edwards, from H. Clay Stewart	1,686 00
	14. Stephen P. Hill, from Mary Rebecca Stewart	2,500 00

Five per centum corporation.

1876.		
April	18. Lewis Johnson & Co., from Timothy O'Neal, executor	1,330 00
	19. The Fireman's Insurance Company of New York, from Esau Pickrell	1,400 00
May	4. Michael Green, from Lewis Johnson & Co.	1,330 00
Oct.	23. George R. Ross, from Wm. Henry Otterback	350 00

Canal six per centum corporation.

1876.		
Feb.	13. Mary Brown, from George W. Riggs, by attorney	100 00
July	14. Adam L. Rose, treasurer, from W. T. Bright, H. L., No. 9, I. O. O. F.	500 00
Oct. 9.	Jane Shillinglaw, from Jane Von Essen	500 00

GEORGETOWN STOCK.

Six per centum corporation.

1876.		
Jan.	13. Edward Temple, from R. T. Merrick, by attorney	\$500 00
	Charles A. James, from R. T. Merrick, by attorney	500 00
	Washington City Orphan Asylum, from R. T. Merrick, by attorney	1,000 00
April	7. Elizabeth Owen, from Wm. King, executor	500 00
	Fannie Owen, from Wm. King, executor	500 00
	13. The Farmers' and Mechanics' Bank of Georgetown, from Elizabeth Owen, by attorney	500 00
	The Farmers' and Mechanics' Bank of Georgetown, from Fannie Owen, by attorney	500 00
	19. Lewis Johnson & Co., from Esau and A. H. Pickrell, trustees	1,000 00
	H. E. Offley, from Esau and A. H. Pickrell, trustees	33 67
	Esau and A. H. Pickrell, trustees, from Esau and A. H. Pickrell, trustees	600 00
May	4. Susan B. Green, from Lewis Johnson & Co	1,000 00
	4. David N. Green, from Elizabeth Shekell	600 00
	15. John Marbury, from Farmers' National Bank of Georgetown.	1,000 00
July	13. Mary J. Mackall, from Charles Mackall, executor	1,000 00
	Charles Mackall, from Charles Mackall, executor	1,000 00
	22. Lewis Johnson & Co., from C. B. and E. Hamilton, by W. B. Webb, administrator	300 00
Sept.	2. Osceola C. Green, trustee, from Maria Bohrer, by Wm. A. Gordon, administrator	2,287 50
	18. J. C. Sidney, from Osceola C. Green, trustee	2,287 50
Oct.	13. H. D. Cooke, jr., from E. L. Stanton, receiver First National Bank.	460 00
	26. Mrs. Margaret C. Barber, from G. W. Cropley	300 00
Nov.	1. Chauncy Smith, from Lewis Johnson & Co	300 00

Market-house six per centum.

1875.		
Dec.	13. Francis R. Read, from Margaret E. Read, by attorney	360 00
1876.		
July	13. Mary J. Mackall, from Charles Mackall, executor	1,000 00
	Charles Mackall, from Charles Mackall, executor	1,000 00
Sept.	2. Osceola C. Green, trustee, from Maria Bohrer, by W. A. Gordon, administrator	2,207 95
	18. J. C. Sidney, from Osceola C. Green, trustee	2,207 95

Eight per centum.

1875.		
Dec.	13. Francis R. Read, from Margaret E. Read, by attorney	300 00

RECAPITULATION.

Washington stock.

Six per cent	
Five per cent	
Canal five per cent	

Georgetown stock.

Six per cent	
Market-house six per cent	
Eight per cent	

Respectfully submitted.

JOHN F. COOK,
Collector, District of Columbia.

V.—REPORT OF THE TREASURER.

TREASURER'S OFFICE, DISTRICT OF COLUMBIA,
December 1, 1876.

GENTLEMEN: I have the honor to forward the following statement of all moneys received in this office from December 1, 1875, to November 30, 1876, inclusive:

From tax-collector, District of Columbia	\$1,126,591 14
From water-registrar, District of Columbia.....	97,294 37
From market-rents, &c.....	10,940 61
From sale of stalls, Western Market.....	3,733 00
From Washington Market Company poor-fund.....	7,500 00
From police and criminal courts, fines, &c.....	25,928 79
From Georgetown streets and wharf-rents.....	522 67
From Washington Asylum.....	122 00
From deputy comptroller.....	2,205 20
From sale of old material.....	1,132 51
From sale of horses, fire department	72 00
From sale of hay-scales.....	1,975 78
From assistant engineers, instrument-fund.....	390 00
From First National Bank, dividends.....	3,251 54
From insurance on colored schools	54 57
From sale of colored-school building.....	480 15
From refund for postage, transportation, &c.....	16 59
From notarial fees, &c.....	19 61
From coroner's deposit, amount found on deceased pauper.....	3 20
From interest on school-bonds	4,528 85
From use of party-wall and opening street	84 01
From damages paid by lamp-lighters.....	13 02
From W. W. Rapley, paid note.....	370 78
From deposit by T. A. Benter, justice of the peace	4 00
Total amount from taxes and revenue	1,287,224 39
Loan from Riggs & Co.....	\$150,000 00
Received from United States appropriations	935,631 00
	<hr/>
	1,085,631 00
Total receipts from all sources	2,372,855 39

Since August 16, 1876, there have been issued from this office 740 licenses.

Warrants countersigned by treasurer, since July 13, 1876, amount to 5,387, and from that date the daily receipts have been deposited on the same day in the United States Treasury, to the credit of the Commissioners of the District of Columbia.

The estimated expenses of this office for the fiscal year ending November 30, 1877, are as follows:

Salary of treasurer	\$2,400
Salary of license-clerk	1,200
Salary of messenger	720
Contingent expenses for license books and blanks.....	500
Total	4,820

Respectfully submitted.

ROBT. P. DODGE,
Treasurer D. C.

The Hon. COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

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VI.—REPORT OF SUPERINTENDENT OF ASSESSMENTS AND TAXES.

OFFICE OF SUPERINTENDENT OF ASSESSMENTS AND TAXES,
Washington, D. C., November 28, 1876.

GENTLEMEN: In compliance with your direction, I have the honor to submit the following report of the operations of my office since my last annual report:

All transfers of property made during the calendar year ending December 31, 1875, have been entered on the books of this office, necessitating in all about five thousand changes.

Owing to the limited time given the assessors to make the annual assessment for the year ending June 30, 1877, they were unable to complete their labors and make a return of their assessment until November 13, 1876.

Tax-books have been prepared to enable the collector to commence the collection of taxes on the 27th instant, but this was only accomplished by a temporary increase of force, and the duplicate books as required by law are now being prepared as rapidly as possible.

The assessment for Washington City amounts to	\$81,246, 847
The assessment for Georgetown amounts to	5,953, 932
The assessment for Washington County, (approximated)	8,784, 433

Total assessment	95,985, 212
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Showing an increase over the last annual assessment—

In Washington City, of	\$2,427, 913
In Georgetown, of	104, 615

Total increase	2,532, 523
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The personal assessment under the late law of Congress, as shown by the returns of the assessors, as far as completed, gives the following:

Washington City	\$12,011, 569
Georgetown	1,785, 683
Washington County	454, 169

Total	14,251, 426
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I would respectfully suggest that Congress be urged to pass the tax-law for the year ending June 30, 1878, at a very early date, thereby giving the assessors time to make the next assessment, and thus affording this office ample time to complete the tax-books in original and duplicate before they are delivered to the collector. Under the last law of Congress but twenty-five days were given this office to make the necessary books after the completion of the annual assessment, an amount of time entirely inadequate to the proper performance of the work required.

I would also respectfully request that some steps be taken to preserve some valuable books of reference—among others, the general assessment-books of 1864 and 1869—that are now absolutely going to pieces, and which could be restored at a comparatively small expense. These books are referred to almost daily by the different officials of the Government, and constantly by lawyers engaged in the examination of titles and other legal questions, and if something is not soon done they will be entirely lost.

I would also respectfully suggest that a resurvey of the city of Georgetown be made; that a perfect plat of said city be made, showing each square and lot; believing, as I do, that the increased revenue derived therefrom would in a short time pay all the expense attached thereto besides materially benefiting the citizens, many of whom are charged

with more ground than they own, while others escape paying taxes on a large proportion of what they actually own.

In closing, allow me to call your attention to the small salaries allowed the clerks in this office, and to request that the office be placed on the footing originally designed by the law creating it. It is hardly necessary for me to dilate upon the importance of having clerks perfectly familiar with the duties, and which can only be acquired by years of practical experience, as upon their technical knowledge and accuracy rests in a great measure the interest of the tax-payers of this District.

Very respectfully,

WILLIAM MORGAN,

Superintendent of Assessments and Taxes.

Hon. COMMISSIONERS DISTRICT OF COLUMBIA.

VII.—REPORT OF THE BOARD OF ASSESSORS.

OFFICE OF ASSESSORS,

Washington, D. C., November 15, 1876.

GENTLEMEN: We hereby acknowledge the receipt of a communication from your secretary, bearing date of October 6, 1876, requesting the board of assessors to make to the Commissioners of the District, on or before the 15th day of November, 1876, a detailed statement of the transactions of this office since entering upon the performance of their duties, with any recommendations they may think proper to make with the object of increasing the efficiency of this department, and asking also for an estimate of the amount required for its support for the fiscal year ending June 30, 1878, and respectfully submit the following reply:

We received our appointment July 18, 1876, and forthwith entered upon our duties. At the outset, however, we encountered formidable difficulties. The office was in a chaotic state; not a field-book, schedule, appeal, or scarcely anything else necessary for a speedy prosecution of our labors, was in readiness. Many of our citizens, for reasons unknown to us, withheld their returns of personal property until very recently; others have failed to make any returns whatever; and, in compliance with the act of Congress of July 12, 1876, we are now engaged in assessing, from the best information we can obtain, the personal property of delinquents. On the whole, however, we have not been entirely unsuccessful in the discharge of the duties imposed upon us, as the following statement will show:

PERSONAL PROPERTY.

Schedules of personal property have been distributed as follows:

In the city of Washington.....	10,748
In the city of Georgetown.....	635
In the county of Washington.....	620

Total..... 12,003

Of this number 6,468 (2,298 being blank) have been returned, representing in value for the—

City of Washington.....	\$10,936,250
For the city of Georgetown.....	1,368,268
For the county of Washington.....	384,080

Total amount..... 12,688,598

REAL PROPERTY.

Value of buildings erected and not heretofore assessed :

In the city of Washington	\$2, 610, 175
In the city of Georgetown	110, 800
In the county of Washington	105, 050
Total	\$2, 826, 025

Value of improvements and additions to buildings not heretofore assessed :

In the city of Washington	337, 475
In the city of Georgetown	4, 700
Total	342, 175
Land in the county of Washington not heretofore assessed	10, 223
Total value of real property not heretofore assessed	3, 178, 423
From which amount deduct on account of appeals and old buildings torn down or removed	292, 726
Making an increase of	2, 885, 697
over the assessment of 1875-'76.	

To promote the efficiency of the office and further the ends of good government in this District, we respectfully recommend that the present system of using both letters and numerals in the designation of lots be abolished, and that numerals alone be used. This, in our opinion, will be amply sufficient, as the use of both of them creates confusion. That the repetition of numbers of lots in the same square, as, for instance, two lots numbered one, &c., be prohibited. The adoption and rigid enforcement of this rule will prevent an accumulation of errors which, under the present system, seems unavoidable.

The simplification of the personal-tax schedules is recommended.

The immediate preparation of a numerical book for Georgetown. This is indispensably necessary, by the fact that in many cases the descriptions of property heretofore given are defective and incomprehensible.

The map of Georgetown is incorrect, and needs attention.

A plat-book for the county, showing the various divisions and subdivisions of farms and tracts of land into lots, their location, &c., is necessary.

That the office of assessor be placed on the same footing as the other heads of the various departments of the District government, being made by regular appointment for a term of service parallel with these. A moment's reflection will show the importance of such a change, if efficiency and the best interests of the government be considered and fairness and satisfaction be desired. The present mode of appointment is annually to take new men and impose upon them duties of vast importance, with which they have no familiarity, to be compressed within the compass of a few months. Presently another set are introduced; and thus, from year to year, the plan is continued, without the benefit of the skill and mature judgment resulting from continued service. Novices in a difficult field, they scarcely begin to acquire those qualifications indispensable to the proper administration of an office involving vast interests, which administration is so essential to the best exercise of your own functions as Commissioners, when they are compelled to retire to fields of private labor, their offices by and by to be turned over to another set of unskilled hands. Their duties have, of necessity, been imperfectly performed; complaints arise, dissatisfaction results,

complications ensue, and the efficient collection of taxes is interfered with. In proportion as these evils prevail government is found to be a burden rather than a blessing. It is not strange that such a system results in an inefficient though expensive service. Within the past five years the population and real estate of the District have largely increased. As a consequence, the ordinary duties of the office require longer time and greater skill and judgment. In addition, the assessment of personal property, with its large amounts and delicate discriminations, largely prolongs the time of necessary service and calls for the mature views gained only by experience. In view of these facts, it would hardly seem necessary to declare that a wise and economical administration of the duties of this office demands an abolition of its present temporary tenure, and its creation into what it really is—one of the most important posts under your administration. We therefore urgently recommend that it be thus made permanent.

We have but one more suggestion to make, and that is one that has been so frequently and clearly presented, that needs but mention to commend it to your honorable body and all others interested. It is, that the Congress of the United States, custodians of an immense real estate situated within the District of Columbia, should make an annual and fair appropriation, in lieu of taxation of public property, toward the support of the immediate government of which it so largely reaps the benefit. In public documents and messages, from those of the Presidents of the United States to all officials interested in the administration of efficient government of this District; in able speeches in both houses of Congress, and in the exhaustive reports of committees that have considered this subject, the fairness of such appropriations has been placed beyond controversy. Such a step on the part of our patriotic legislators would but result in the diminution of taxation here as far as it is now felt to be a burden; in increased contentment among our tax-payers; in extended public improvements for the good of all parties, and in a more thorough administration of the school, sanitary, police, and fire departments.

In accordance with the recommendations above made, we present the following estimate as necessary for the support of this office for the fiscal year ending June 30, 1878, to wit:

For five assessors, at an annual compensation of \$2,000 each.....	\$10,000
For two clerks, at an annual compensation of \$1,400 each.....	2,800
For one clerk, at an annual compensation of \$1,200.....	1,200
For one messenger, at an annual compensation of \$720.....	720
For the distribution of schedules of personal property, purchase of books, stationery, &c.....	1,000
Total	15,720

Respectfully submitted.

G. A. BOHRER,
WM. DIXON,
B. BRAUE,
ISAAC LANDIC,
B. D. CARPENTER,
Assessors.

The Hon. COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

ASSESSORS' OFFICE,
Washington, D. C., November 28, 1876.

GENTLEMEN: Agreeably to the request of the honorable commissioners, we submit for their information the annexed statement.

The assessments of personal property in this District since the report of the 15th instant, &c., are as follows:

In Washington	\$345, 075
Add 50 per cent	172, 537
	<hr/>
	*517, 612
Amount of voluntary returns	557, 707
	<hr/>
Amount of assessments since the 15th instant	1, 075, 319
Amount reported under date of the 15th instant	10, 936, 250
	<hr/>
Total	12, 011, 569
	<hr/>
In Georgetown	240, 512
Add 50 per cent	120, 256
	<hr/>
	*360, 768
Amount of voluntary returns	56, 652
	<hr/>
Amount of assessments since the 15th instant	417, 420
Amount reported under date of the 15th instant	1, 368, 268
	<hr/>
Total	1, 785, 688
	<hr/>
In the county of Washington	37, 180
Add 50 per cent	18, 590
	<hr/>
	55, 770
Amount of voluntary returns	14, 319
	<hr/>
Amount of assessments since the 15th instant	70, 039
Amount reported under date of the 15th instant	384, 080
	<hr/>
Total	454, 169

RECAPITULATION.

Personal assessments in Washington	\$12, 011, 569
Personal assessments in Georgetown	1, 785, 688
Personal assessments in county	454, 169
	<hr/>
Total amount to date	14, 251, 426

The amounts marked with an asterisk (*) include the 5, 6, and 8 per cent. stocks of Washington and Georgetown.

We have the honor to be, &c.,

G. A. BOHRER,
WM. DIXON,
ISAAC LANDIE,
B. D. CARPENTER,
R. BRUCE,

Assessors.

To the honorable COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

VIII.—ANNUAL REPORT OF ENGINEER OF DISTRICT OF COLUMBIA, 1876.

ENGINEER'S OFFICE, DISTRICT OF COLUMBIA,
Washington, D. C., November 29, 1876.

GENTLEMEN: I have the honor to transmit herewith my annual report for 1876, with appendices.

Very respectfully,

R. L. HOXIE,
Lieut. Engineers, U. S. A., Engineer of D. C.

To the Honorable COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

ENGINEER'S OFFICE, DISTRICT OF COLUMBIA,
Washington, November 30, 1876.

GENTLEMEN: I have the honor to submit herewith a report of the operations of this office during the year ending this date, together with such recommendations, made in accordance with your request, as have occurred to me for promoting the efficiency of the administration of matters now under my direction. I invite your attention to the appendices of this report, viz: the reports of the chief clerk of this office, the water registrar, the surveyor, the parking commission, the inspector of buildings, the overseer of repairs, the superintendent of property, and the overseer of lamps and gas; also the tables of contracts of the board of public works, the table of board rates, being the rates at which work was done under these contracts, the table of cash contracts, and the table showing the reduction of expenses by the organization of the force under my direction.

At the date of my last annual report, November 30, 1875, there remained unfinished contracts of the late board of public works to the number of thirty-seven, with their various extensions and modifications, under which work was still in progress. These have all been finally completed or terminated, in pursuance of the joint resolution of Congress dated March 14, 1876, and with the completion of the measurements and the statement of unsettled accounts, which await the action of some auditing authority yet to be created, this legacy of the late board of public works, the unfinished contracts for improvements, has been finally disposed of. In the tables which accompany this report there are shown the total expenditures under the board of public works and that under the Commissioners upon each of the several classes of contracts resumed under your direction, together with the difference in each case between the expenditure as certified from this office and as audited by the board of audit.

The tables, with their recapitulation, and the explanatory statement prefixed to each, show the reasons for the apparent discrepancies between former reports of the board of public works and the detailed cost of completing the work of that board. They present, when taken in connection with the files of this office and the books of the late board of audit, the means of auditing all unsettled accounts arising out of these contracts, and should effectually prevent the consideration of any fictitious claims. They have been prepared after an exhaustive examination of the records of this office, and of the accounts of the board of audit, as far as these relate to each and every contract of the late board

of public works, with its extensions and modifications, upon which measurements were made by this office, and are complete in their exhibit of the total amount certified from this office, and the corresponding amounts audited in each case by the board of audit; but they contain no record of *payments* made. The measurements have been made invariably under a rigid construction of contract, and questions of equity have not been considered in them. In the final adjustment of unsettled accounts, or the re-examination of any that may be re-opened, it will be necessary to examine the individual account of each contractor upon the books of the board of audit to ascertain what *payments* have been made to him and what amounts retained, and to check any possible overpayments upon each and all of his contracts. It is to be remembered that these unsettled balances of measurements to the amount of \$87,337.77, as heretofore, payable in the District 3.65 bonds at par, are at present without any means of audit and adjustment. The board of audit, upon whose certificate the amount found due would have been payable in the 3.65 bonds at par, have no successors in office, the Commissioners being only, under the act of Congress dated March 14, 1876, the custodians of their books, records, and accounts, and the bonds are no longer available as a medium of payment. This is a matter which must be considered in connection with the unsettled claims and open accounts of the board of audit in respect to the manner of audit and means of payment, and should be taken up in connection with those accounts of the board of audit, to which attention was called by the Committee on District of Columbia, House of Representatives, during the recent session of the Forty-fourth Congress. I recommend this subject to your immediate attention.

From the last reports of the board of audit it appears that the whole amount to be provided for, including the amount due upon the above-mentioned balances of measurements, is approximately \$286,574.83 in the equivalent of 3.65 bonds. Whether this may be reduced when accurately stated upon future examination of the accounts of the board of audit can only be ascertained by the appointment of a board or commission competent to decide the various questions involved in the settlements to be made and to correct any errors or overpayments, and whose decision shall be final.

The following recapitulation of tables one, two, three, and four, presents, in a condensed form, all of the principal facts in relation to the contracts of the late board of public works resumed under the Commissioners, or taken up for consideration by this office upon the request of the board of audit, and is a complete summary of the action taken by the Commissioners and by this office in the case of all of these contracts. The *total expenditure* under the Commissioners on account of work done and material furnished is given in this table, but the "expenditures under the board of public works" do not include any audits on account of claims arising out of these contracts which may have been classified by the board of audit otherwise than under these contracts, nor the expenditure on account of work done under permits of the board of public works. Neither is any account taken of the cost of the old material found upon the streets. This latter has been allowed in part to property-owners as a drawback upon their special assessments for improvements under the board of public works, has been paid in part by certificates of the board of audit, and remains in part unsettled and should be allowed upon special assessments to be hereafter made. In this table a comparison is made between the total expenditure under the Commissioners upon contracts and extensions of the board of public works and

extensions of the Commissioners, on the one side, and on the other the estimated cost of completing the valid contracts of the board of public works as they stood on June 20, 1874, adding the additional work necessary to complete the improvement in accordance with the plans of the board of public works upon the streets and within the limits covered by these contracts. The table shows a difference in favor of the work of improvement under the Commissioners of \$415,705.80.

As to the general character, necessity, relative importance, and cost of the work done under these contracts and their extensions, I refer you to my last annual report contained in the Report of Commissioners of the District of Columbia on pages 232 to 248, inclusive, and to table of board rates, Appendix No. 10 of this report.

Number of table.	Work completed and audited by board of audit.						Work completed not	
	Done under the board of public works.	Done under the Commissioners.				Aggregate.	Done under the board of public works.	Done under the board of public works, including oral contracts and repairs under ninth section of contracts.
		Under contracts and extensions of the board of public works, including oral contracts and repairs under ninth section of contracts.	Under extensions of the Commissioners involving new work.		Total.			
			Work upon the main sewers for their protection and preservation, and that of adjacent improvements.	Additional work of improvement considered necessary and important, including sewerage.				
1	\$3,694,000 39	\$2,560,853 10	\$280,660 11	\$1,515,663 19	\$4,357,176 40	\$7,981,176 72	— \$11,000 36	\$7,901 29
2	74,941 98	316,124 24	18,670 84	219,339 90	554,134 98	630,076 96	.....	5,131 02
3	1,430,923 74	.....	.....	.....	.....	1,430,923 74	.....	.....
4	2,548,291 90	809,244 23	.....	.....	809,244 23	3,357,536 13	.....	1380 35
5	7,678,157 94	3,686,221 57	299,330 95	1,735,003 09	5,790,555 61	13,398,713 55	— 11,000 36	13,552 66

* The algebraic sum of all increments over last measurements is here given, some of these increments being negative. From a comparison of the last reports of the board of audit with the accounts of this office, it appears that the whole amount to be provided for settling up the incomplete accounts of that board, and including these increments of measurements, is about \$286,574.83 in the equivalent of 3.65 bonds.

† Miscellaneous work. Cash cost, with 20 per cent. profit, expressed in 3.65 bonds at 70 cents, as per terms of contract for these items.

Table No. 1. Contracts and extensions of board of public works recognized as being existing legal obligations on June 30, 1874, and extensions of the same by the Commissioners where the original contracts are those which have appeared in the printed reports of the board of public works.

Table No. 2. Contracts and extensions of board of public works recognized as being existing legal obligations on June 30, 1874, and extensions of the same by the Commissioners where the original contracts are those which have NOT appeared in the printed reports of the board of public works.

Table No. 3. Contracts and extensions of board of public works, on which measurements have been made under the direction of the engineer of the District of Columbia, at the request of the board of audit, the work having been completed under the board of public works.

Table No. 4. Expenditures for repairs of contract work under section 9 of the original contracts where the cost is to be collected by suit from the contractor or his sureties.

Engineer's measurements upon contracts herein considered as per daily report, being as respects the work done by the board of public works, the increment over the last and all previous measurements of that board..... \$6,361,945 99
Add allowances of the board of audit in excess of these measurements..... 204,536 47
Add work done and measured under board of public works, as audited by board of audit. 6,919,518 66

As per footing of column "Grand aggregate"..... 13,486,051 32

REMARKS.

The comparison which is made between the footings of the last two columns of this "Summary" will be better understood with the following explanation: In the work done by the Commissioners up to this date, the original plans of the board of public works have, in some instances, been modified so as to substitute a better class of work, thereby increasing the cost; as in the case of the sea walls of the James Creek Canal, the pavement of the carriage-way of Maryland Avenue, southwest, and the foot-walks of the same avenue, northeast, while the parking has been generally dispensed with, and the grading materially reduced. No account is taken of the incidental saving to public and private property in the future improvement of intersecting and adjacent streets in consequence of the reduced amount of grading, although this is considerable. On the other hand, in the computation of the esti-

TABLES 1, 2, 3, AND 4.

audited. (Estimated in 3 65 bonds at par as heretofore payable.)

Summary.

under the Commissioners.									
Under extensions of the Commissioners involving new work.									
Work upon the main sewers for their protection and preservation, and that of adjacent improvements.									
Additional work of improvement considered necessary and important, including sewerage.									
Total.									
		Aggregate.		Grand aggregate.		Cost under the board of public works.			
\$14,631 80 \$65,353 76		\$37,886 85		\$8,058,063 21		\$3,612,999 96		\$4,648,407 41	
4,799 91		9,930 93		639,007 89		74,941 98		460,121 49	
				1,430,923 74		1,430,923 74			
590 35		590 35		3,358,056 48		2,548,291 90		809,764 58	
14,631 80 70,153 67		98,338 13		13,486,051 32		7,667,157 58		5,108,528 90	
Deduct cost of repairs of defective board work under ninth section of contract								809,764 58	
Deduct cost of work upon main sewers necessary for their protection and preservation, and that of adjacent improvements, not properly taxable as special improvements.								316,306 06	
Total deduction								1,126,070 64	
Expended upon the work of improvements								4,692,823 10	
Estimated cost, &c., (see second column under "Summary")								5,108,528 90	
Difference in favor of Commissioners' work, as audited by board of audit, and represented by unaudited accounts								415,705 20	

Estimated cost of completion, dating from June 30, 1874, of contracts and extensions of board of public works, which were incomplete at that time, and which have been recognized as being then existing legal obligations, in accordance with the general plans of the board of public works, together with the work then required to complete the improvements in accordance with these plans upon the streets and within the limits covered by these contracts. Ten per cent. for contingencies.

Actual cost of the work from June 30, 1874, to date, under the Commissioners, including the additional work which has been required upon the main sewers, and the cost of repairing old board work, under section 9 of the board contracts. (For estimated cost of completion of contract work see below.)

makes for the perfection of the board work (column next to the last) the general plans of the board of public works have in some cases been taken as a guide where the contract seemed inconsistent with them; as in the case of Maryland avenue, northeast, where gravel footwalks were provided because the board of public works were unable to purchase bricks for their paper; and upon the same avenue, southwest, where a blue-rock pavement was provided, although this class of pavement had been condemned and replaced by other pavements upon less important streets, and that of Belgian blocks for the avenue was in harmony with the general plan of improvement. In such cases, of which there are very few, the increased expenditure under the Commissioners is offset in the column of estimates, being included in it. But where the modification was not in accordance with the plans of the board of public works, as in the case of the change in the character of the sea-walls of the James Creek Canal, the increased cost is not included in that estimate. To these estimates, as made at board rates for each class of work, according to its measurement, is added, here, the usual percentage for engineering work of this description.

Work remaining incomplete under contracts canceled in pursuance of the joint resolution of Congress, approved March 14, 1875, and the circular-letters of the Commissioners of September 30, 1875, and February 5, 1876, was as follows: 1st. Work under contracts not otherwise forfeitable than in pursuance of joint resolution of Congress, approved March 14, 1876, and the previous letters of the Commissioners of September 30, 1875, and February 5, 1876, (with 10 per cent. for contingencies,) = \$242,949.29. 2d. Work under contracts of doubtful obligation in other respects, the Commissioners having terminated the work under the terms of the contracts, under the advice of counsel, (with 10 per cent. for contingencies,) = \$10,244.52. In the completion, under recent cash contracts, of such of this work as was considered of most importance, the original contractor has been preferred, and any possible claim of his growing out of the cancellation of his former contract has been extinguished by the terms of the new one.

The degree of accuracy of the tables of which the foregoing is a recapitulation is such as could be attained by the constant labor of a portion of my office force in their preparation and revision during the past ten months. The degree of reliance to be placed in the measurements of this office will appear from the following explanation of the method of making them and the difficulties encountered.

Measurements upon contract-work are classified, for the purpose of facilitating assessments, into surface-work, sewers, and special bills for extra-work not included in contracts, but belonging to the contingencies of the contract-work. Upon each street, avenue, or alley, these measurements are made up separately. Each partial measurement, made as the work progressed, is total up to date, including each its predecessor, and the final measurement upon the contract consists of a set of final measurements made up separately upon each street and in separate bills for the three classes of work.

Under the late board of public works, measurements were sometimes made upon incomplete work and marked "final to date," necessitating another final measurement upon the same street in case the work was resumed. Measurements were completed and settlements made in the auditor's office, and it was customary in the case of partial measurements to reserve a certain percentage, in final measurements to pay in full except certain reservation upon particular kinds of work.

I have considered it my duty to re-examine all measurements of the board of public works upon contracts incomplete and on which a balance was still due the contractor, whenever, the work being resumed under me or brought up in any way for consideration, I had any reason whatever to question the accuracy of these measurements.

Unless such reason has appeared, or it has seemed to me that the terms of the contract required something further, I have confined my measurements to the streets upon which final measurement had not yet been given, or upon which a measurement marked "final to date" was in reality but a partial measurement. In these cases my measurement, being total to date, includes and embraces all previous partial measurements, whether marked "partial" or "final to date," upon each street considered.

The method adopted by me for making these measurements, both of old work of the board of public works and of that done under the Commissioners, insures a series of checks upon their accuracy, and has been adhered to. The blank forms have been modified from time to time as experience suggested their improvement.

Application for measurement is first made by the contractor in writing. In the case of old work this was in the shape of a claim filed with the board of audit, referred to the "Commissioners of the District of Columbia, with the request that the proper examination and measurements may be made and reported, to enable the board of audit to ascertain what amount, if any, is due the claimant under this contract," and by the Commissioners referred to me. In the case of work done under the Commissioners, the application is required to be made upon the following blank form:

APPLICATION FOR MEASUREMENT.

Notice.

No authority for work of any kind will be recognized, except the written order of the chief engineer.

All bills must state the exact locality, character, and extent of the work, or materials claimed, and must be properly itemized.

Bills for work done or materials furnished up to this time and in this locality will not be accepted if presented after this date.

—, 187.

I herewith apply for a — measurement of work done by me under contract No. —, on —, between —.

The itemized bills herewith inclosed exhibit all work done, with materials furnished, which do not appear on the surface, such as house-connections, lumber used for foundations and shoring, resetting of curb, repaving, &c.; also all the extra work done by me up to this time in this locality, or in connection with the work done under this contract, together with my authority therefor.

I have no further claim upon the District of Columbia for work done or materials furnished in this locality.

—, Contractor.

This application is then referred to an overseer, with instructions to report upon it in writing when he shall find that the specifications of the contract have been complied with and the work is ready for measurement. When returned with this report, which includes the verification of bills for extra work and information necessary to assist in the measurement, the application is referred to the chief of the draughtsmen's room for the preparation, from the general map, of the field-maps showing the locality and limits of the work.

All papers are then referred to a leveler for measurement of the work by himself and field-party of two assistants. After measurement, all work is platted upon the field-maps, and cross-sections entered in the cross-section books. The limits of the field-map check the horizontal dimensions of the measurement, and the graphic representation of the cross-sections eliminates any probable error in the field-notes.

The computation of quantities is then made by this field-party and the papers handed over to a clerk who prepares a voucher in accordance with the measurement, carrying out the cost at contract rates. The papers are then given to the second assistant engineer for examination, and the following certificate which appears upon the face of the voucher, viz:

I hereby certify that I have carefully examined the field-notes and report of —, leveler, who measured and inspected this work, and find the quantities correct. The work is reported to be —, —, 187.

—, Assistant Engineer.

All material issued since last measurement is then entered upon the face of the voucher by the superintendent of property, who certifies to the correctness of the charge. The papers then go to the first assistant engineer for further examination and the following certificate, viz:

I have carefully examined the account, and find the prices according to contract and the computations correct. The amount due the contractor is to be ascertained by deducting from the above cost of the work the total advances unsettled, and also for —, —, not previously charged, the sum of —, —, 187.

—, Assistant Engineer.

After this the account is laid upon my table for final examination and approval, having passed through the hands of ten individuals, each having a specific duty in connection with it, and acting as a check upon the others.

It was then sent to the board of audit with a letter of transmittal, and by this board compared with the contract to which it related.

In addition to measurements, I have been called upon by the board of audit for reports from such of my subordinates as were formerly in the employ of the board of public works, upon claims presented to the board of audit against the board of public works. The reports in such cases have been made as requested, and transmitted with such expression of my own opinion as seemed to be required.

ASSESSMENTS FOR SPECIAL IMPROVEMENTS.

Intimately connected with the subject of the expenditures on account of the contracts of the late board of public works is that of the collection of the special assessments for the improvements made under these contracts. Considerable difficulty was experienced when work was first commenced upon the preparation of these assessments, on account of the imperfection of records, errors in previous assessments, and the want of co-ordination of the powers of the Commissioners and of the board of audit, who were successors to the board of public works, and auditors of their accounts respectively, but not conjointly.

In the preparation of the statements of expenditures upon each street to be assessed for special improvements, it was necessary to obtain the co-operation of the board of audit, in whose custody were all the records of the board of public works.

The act of Congress of June 20, 1874, requiring the auditing of all unfunded or floating debt of the District of Columbia and of the board of public works, necessitated the examination of vouchers for final measurements upon which statements of expenditures were to be made up, and I did not feel authorized to make use of these bills until after such examination. An arrangement was effected by which these were taken up for consideration by the board of audit in the order in which they were required for assessment, and transmitted, with a statement of expenditures, to the auditor of the District, from whom I received them. The work of preparing the assessments has been commenced immediately upon receipt of each statement of expenditures, and has been done by the surveyor of the District of Columbia, under my immediate supervision. An intimate knowledge of localities and improvements was indispensable to an intelligent apportionment of these assessments.

The general method pursued in making these assessments under the board of public works having been submitted to the assistant district attorney, the following opinion was received, and in conformity with it the assessments have been made:

WASHINGTON, August 26, 1876.

Respectfully returned. The present mode of assessment has been so long established that further legislation would be required to make changes, and, on examination, I would advise that the existing rules, as explained in the letters of the surveyor, be followed by the engineer. Practical difficulties can be considered as they arise.

W. BIRNEY,
Assistant Attorney.

I have required in the case of each bill an examination upon the ground, to be followed by a measurement, if any reason appeared for questioning the accuracy of the bills. In the case of F street north, between Fifth and Fifteenth streets west, the bills have been returned to me by Mr. Forsyth as incorrect, and a measurement of the entire street between these points has been made under my own direction. The difficulty of correcting an erroneous measurement is very great, involving more of evidence than of measurement, and this has operated to retard the assessments upon streets where errors are detected in the bills.

In connection with the assessments the claims for drawbacks for old material taken by the board of public works from the streets have been considered, in accordance with the request of the board of audit. The evidence in each case having been considered by the board, a statement of the allowance made was forwarded to me, and has been noted upon the assessment-sheets when transmitted to the deputy comptroller. As the evidence in some cases was defective, I have requested the deputy comptroller to impose the additional check of an affidavit from each claimant to the effect that he has not received any other compensation

for the old material claimed to have been taken from in front of his premises, and that he has not disposed of the same. The assessments for special improvements have been made up and transmitted to the deputy comptroller for collection as rapidly as the statements of expenditures could be obtained from the board of audit, and the following extract from my last annual report gives an approximate idea of what is to be realized from these assessments:

The total expenditure on account of special improvements under the board of public works and under the Commissioners, upon streets not yet assessed, may be approximately stated as follows:

Total expenditures up to November 1, 1875, obtained from the records of the board of audit, as an approximate statement from the bills in their hands at that time, both audited and unaudited.....	\$9, 446, 232 15
Measurements made since that time, being increments over former measurements, and representing additional work.....	1, 205, 456 31
Estimated cost of completion of all work in hand, including work already finished but of which the measurements have not yet been made up.....	539, 778 29
There is retained from the assessment of each street and avenue one-half the cost of improvement of its intersection with other streets and avenues, to be included in the assessment of the latter. Up to this date this amount is.....	236, 723 33
These four items give a total expenditure on account of special improvements, not yet assessed, of.....	11, 428, 190 08
There has been appropriated by the United States, in part payment for the work of special improvement, \$3,522,936.18, and of this there is applicable, in part payment of the amount not yet assessed.....	\$1, 511, 837 51
The great main sewers, the sea-walls of the James Creek Canal, and the K-street market can hardly be considered as special improvements of the adjacent property, and should not be assessed as such. Their cost is	3, 211, 541 45
The repairs of contract-work which should not be assessed as a special improvement amount to	666, 123 12
The claims for old material are recognized as a credit or drawback upon the assessment. The aggregate of these claims upon each street is added to the statement of expenditures upon that street, and when, after deducting half intersections of other streets and the amounts chargeable to the General Government, one-third of the remaining expenditure is taken for the special assessment, the loss to the tax by the credit for the full value of the old material is two-thirds of this full value. The aggregate of the claims for old material upon unassessed streets in the hands of the board of audit is reported at.....	\$76, 016 91
Add to this the value of the old material measured up by this office.....	73, 576 41
Total	149, 593 32
Two-thirds of this is.....	99, 728 88
The sum of these four items gives a total deduction of.....	5, 489, 230 96
Leaving a balance of	5, 938, 959 12
Add five per cent. for engineering and superintendence.....	296, 947 95
Total	6, 235, 907 07
Of this amount one-third is collectible by special tax upon the adjacent property, viz	2, 078, 635 69

The act of the District legislature which was approved May 29, 1873, pledged the special-improvement tax thereafter to be collected to the redemption of the 8-per-cent. improvement-certificates known as "greenbacks."

The deputy comptroller furnishes the following statement in regard to the special assessments received applicable to the redemption of these certificates:

From the late board of public works.....	\$1, 176, 962 07
From the Commissioners of District of Columbia.....	733, 026 61
	<hr/> 1, 910, 008 68
Less additional drawbacks and corrections, certificates of the auditor of the board of public works received in payment and canceled, (these certificates are no longer receivable in payment of the tax,) and accrued interest due at time of redemption of each certificate and allowed.....	136, 090 43
Amount available	<hr/> 1, 773, 918 25

The sinking-fund commission furnishes the following statement of interest due:

Statement of 8-per-cent. improvement-certificates.

Amount of issue	\$2, 000, 000 00
Amount redeemed to November 1, 1875.....	834, 750 00
Outstanding	<hr/> 1, 165, 250 00
Interest on amount outstanding past due.....	93, 220 00
Coupons due January 1 and July 1, 1875, received in payment of taxes.....	19, 450 00
Balance.....	<hr/> 73, 770 00
The deputy comptroller's statement shows that there are outstanding 8-per-cent. certificates not represented by special assessments now available for their redemption, amounting to.....	226, 081 75
Add the interest due, as above	<hr/> 73, 770 00
Total	<hr/> 299, 851 75

Deducting this from the special-improvement tax which it is estimated will be collectible on account of the remaining expenditures unassessed, as before stated, and deducting further 5 per centum for loss in the correction of erroneous assessments, there remains an approximate excess of..... 1, 689, 844 74

This amount, or so much thereof as shall be collected, will constitute an asset to be applied to whatever purpose may be authorized by law. I learn, upon inquiry from the commissioners of the sinking-fund and the deputy comptroller, that prior to January 1, 1875, and before the present Commissioners of the District entered upon their duties, the interest was paid upon these 8-per-cent. certificates from funds derived from other sources to the extent of \$133,575, for which re-imbursement in cash has been made from cash payments on assessments for special improvements to the extent of \$48,325.03, so that on interest-account of the 8-per-cent. the special fund derivable from assessments for special improvements is indebted in the amount of \$84,669.97. If the excess of assessments made and to be made over and above the principal of the 8-per-cent. certificates and the interest thereon due for January 1 and July 1, 1875, shall be collected, which excess, as above stated, amounts to \$1,689,844.74, there will then remain, as representing an estimated surplus of assessments made and to be made upon private property, over and above the above-mentioned amount, the sum of \$1,605,174.77.

It is to be remembered, however, that to the District treasury, and not to any other creditor, this special fund is indebted, as respects the above-mentioned sum of \$84,669.97. The estimated surplus of assessments made and to be made, over and above the claims of creditors other than the District, is the first-mentioned sum of \$1,689,844.74; and it is to be

remembered that the availability of any part of this sum as an asset depends upon payment or collection to a sufficient extent, also depends the retirement of the 8-per-cent. certificates, which are receivable in payment of such assessments, or are to be paid from the fund arising from cash payment of such assessments. Meanwhile interest at the rate of 8 per cent. per annum upon these certificates, and 10 per cent. per annum upon the lien-certificates issued upon property the owners of which are delinquent in this tax, will continue.

No account is made in the foregoing estimate of the accrued interest upon lien-certificates issued to November 30, 1875, nor is the interest upon the outstanding 8-per-cent. certificates accrued since July 1, 1875, considered. The interest upon the latter is due only semi-annually, although it is allowed up to date when the certificates are presented in payment of special-improvement tax or for redemption, the interest upon the tax-lien certificates being computed from the date of presentation of bill to the time of payment of the tax.

The present system of taxation for improvements, which levies upon the property immediately benefited a tax of only one-third the cost, has been found to induce a vigorous competition among property-owners for the extension to them of the benefit of the improvement. The owners of property as yet unvisited by the work complain that they are taxed for two-thirds of the cost of especially benefiting other property, while sharing only indirectly in this benefit. There is every reason to suppose that a moderate increase in the proportion of the tax paid by the property in the vicinity of which the improvement is made, while it might have a tendency to moderate the demand for the improvement of outlying streets where property is of little value, would not retard the progress of the improvements where they are most needed. Up to the time of the board of public works, the entire cost of such improvements has been assessed against adjacent property. It is, of course, to be considered whether such a departure from the present system of taxation would now be equitable.

In the case of alleys, very few of which have yet been assessed, there can be no question of the injustice of requiring the general public to contribute any part of the cost of improvement. These alleys are originally laid out and subsequently improved for the sole benefit of the adjacent property. The cost of their condemnation is now by law paid by the property bordering upon them, and the cost of their improvement should be similarly defrayed.

It is next to impossible to obtain a strictly equitable adjustment of the special-improvement tax in every instance, but I recommend the subject of taxation for the improvement of alleys to your immediate consideration.

Work upon the assessments is now propressing rapidly, the statements of expenditures being prepared by the auditor of the District of Columbia, in whose custody are the records of the board of audit. A sufficient number of assessments has already been transmitted to the deputy comptroller to redeem all of the outstanding 8 per cent. improvement bonds and leave a considerable surplus, which is rapidly increasing. Very little difficulty is experienced in the collection of this tax, the constant transfer of real estate operating as a spur to those who might be delinquent but for the necessity of clearing the titles to their property; and the fact that the tax is payable in five equal annual installments explains the discrepancy between the actual collections and the amount of the assessments.

The following table gives a clear statement of assessments made up

to this time. The tabular statement appended to the report of the surveyor (Appendix 3) shows the streets which have been assessed and the distribution of expenditures since the last published report of the board of public works.

Statement of balances showing the distribution of expenditures assessed under the late board of public works to and including the last assessment made under said board.

	Dr.	Cr.
The board of public works		\$8, 199, 764 03
General fund.....	\$4, 009, 538 99	
Property-holders	2, 320, 264 55	
The United States.....	1, 634, 191 05	
Railroad, (street).....	45, 978 70	
District of Columbia.....	28, 084 60	
Drawbacks	3, 470 10	
Lateral streets, one-half intersections	158, 236 04	
	8, 199, 764 03	8, 199, 764 03

Statement of balances showing the distribution of expenditures assessed under the Commissioners of the District of Columbia to and including the last assessment made to date.

	Dr.	Cr.
The board of audit and District Commissioners.....		\$5, 238, 995 61
General fund.....	\$2, 834, 108 96	
Property-holders	1, 344, 098 16	
The United States.....	771, 879 49	
Drawbacks	148, 965 85	
Half intersections lateral streets	140, 043 15	
	5, 238, 995 61	5, 238, 995 61

NOTE.—Property-holders' accounts include water and sewer services and less drawbacks.

With the termination of the contracts of the board of public works, their extensions and modifications, the work of improvement in the District has been practically suspended. A few cash contracts have been given out for the completion of such work as remained unfinished and in such condition as to require attention, and upon these there has been expended in cash the sum of \$226,081.57, and there remains to be expended for their completion the sum of \$13,894.05. The total expenditure under cash contracts for improvement since November 30, 1875, is \$242,608.45. Work of improvement has been continued to a small extent, without other expense to the District than the furnishing of such material as remained on hand, by parties who have applied for permits for this purpose, and at whose expense the work has been done, under the direction and subject to the requirements of this office.

The current work of repair and the work of the water department and of the parking commission has been continued by days' labor, and the sweeping of the streets and avenues and cleaning of alleys have

been done under contract. The labor of the chain-gang has been utilized to great advantage in the work of repair and in the planting of trees under the direction of the parking commission, and a notable economy has been effected in the reduction of rates for day-labor of men, horses, and vehicles.

The reduction in the cost of sweeping streets and avenues and cleaning alleys, under the administration of the Commissioners, is now about \$51,000 per annum.

The reduction in the cost of the clerical force and field-parties for engineering and superintendence under the direction of this office, as compared with the corresponding organization under the board of public works, was, during the progress of the work of improvement under the various contracts of the board of public works, about \$156,776.28 per annum, and is now about \$185,245.80 per annum. The average increase of receipts over expenditures in the public markets is now about \$6,562.74 per annum.

The daily report of this date, herewith presented, shows the total expenditure since the date of my last annual report. With this is given an estimate for the present fiscal year and for the fiscal year ending June 30, 1878. Details of the expenditures will be found in the appended tables and reports.

Extract of daily report of Engineer, November 30, 1876.

	Statement of expenditures, exclusive of improvements.				Estimates.	
	Cost since July 1, 1876.	Cost reported this day.	Total since July 1, 1876.	Total since November 30, 1875.	For fiscal year ending June 30, 1877.	For fiscal year ending June 30, 1878.
Engineer's office : <i>a</i> Engineer's measurement of new work, (total actual cost of labor and material) being as respects the work done by the board of public works, in- crement over the last and all previous measurements of that board : Drawback permits of board of public works, (3.65 bonds)..... Personal accounts for work done under board of public works..... Contracts of board of public works and all extensions : Work of improvement of board of public works, (3.65 bonds)..... Current expenses, (3.65 bonds)..... Contracts of Commissioners of District of Columbia, for improvements (cash) <i>c</i> Salaries (includes clerical force, field parties, and detached service, reported daily) <i>d</i> Miscellaneous expenses and supplies, (reported monthly)..... Water department : Salaries, (reported daily)..... Labor, (reported daily)..... Material, (reported monthly)..... Miscellaneous expenses and supplies, (reported monthly)..... Water material on hand, (this is classified with expenditures as used,) <i>e</i> \$20,320 <i>f</i> Surveyor's office : <i>g</i> Salaries of clerks employed in the preparation of assessments and examina- tion of records for District offices, (reported daily)..... Miscellaneous expenses and supplies, (reported monthly)..... Property : <i>h</i> Salaries, (reported daily)..... Supplies for all District offices, except those under direction of the engineer, (reported monthly)..... Value of material on hand, (this is classified with measurements as used,) <i>i</i> \$85,912.55..... Buildings : <i>j</i> Salaries, including market masters, (reported daily)..... Repairs of all buildings made under direction of this office..... Rent of public buildings for District offices..... Miscellaneous expenses and supplies..... Gas : Salaries, including four lamp-lighters, (reported daily)..... Gas for streets and all public buildings, (reported monthly).....				\$9,454 73 7,361 52 6,361,945 99 35,865 91 242,008 45 37,780 63 18,938 09 7,742 40 60,665 62 49,974 90 5,303 72 15,000 00 10,621 23 252 55 7,922 68 81,373 66 12,177 72 18,433 83 3,000 00 488 58 3,019 98 141,274 78	(b)	(b)
	\$200,563 06		\$200,563 06		\$25,000 00 6,000 00 2,500 00 33,000 00 26,000 00 3,600 00 15,000 00 5,500 00 50 00 4,700 00 46,000 00 89,000 00 13,000 00 5,000 00 2,000 00 2,100 00 250 00 2,000 00 89,000 00 145,000 00	
	12,366 53 6.26 11,702 75 2,867 96 24.26 29,651 31 22.26 17,961 30 2,068 09	\$81 46 20.26 1,295 76 19 23 2.26 181 39 4.26 5,133 69 247 21	12,448 00 12,998 51 2,887 20 29,632 54 23,114 89 2,315 30		\$25,000 00 6,000 00 2,500 00 33,000 00 26,000 00 3,600 00 15,000 00 5,500 00 50 00 4,700 00 46,000 00 89,000 00 13,000 00 5,000 00 2,000 00 2,100 00 250 00 2,000 00 89,000 00 145,000 00	
	4,544 98 25.26 64 90 2,375 29 6.26 34,981 83	37 52 1.26 64 90 12 30 20.26 7,313 15	4,532 51 64 90 2,387 60 42,293 98		5,500 00 50 00 4,700 00 46,000 00 89,000 00 13,000 00 5,000 00 2,000 00 2,100 00 250 00 2,000 00 89,000 00 145,000 00	
	5,252 16 1.26 3,197 90 1,468 46 4.26	41 06 25.26 3,197 90 11 53 29.26	5,293 23 3,197 90 1,500 00		2,000 00 2,000 00 2,100 00 250 00 2,000 00 89,000 00 145,000 00	
	1,191 26 6.26 45,631 90	8 71 30.26 11,511 76	1,199 98 57,113 66		2,000 00 89,000 00 145,000 00	

Measures used, repairs of street lamps and gas-fitters, under direction of this office, (reported monthly).....	1, 171 57	364 60	1, 136 17	4, 671 97	3, 300 00	5, 000 00
Measures used, repairs of street lamps and gas-fitters, under direction of this office, (reported monthly).....	0 00	3 35	12 95	98 00	90 00	30 00
Parking commission (reported monthly).....	7, 489 31	97 50	7, 517 01	15, 953 39	3, 000 00	10, 000 00
Miscellaneous expenses and supplies, (reported monthly).....	785 40	1, 853 00	2, 618 40	5, 338 82	3, 000 00	5, 000 00
Repairs, &c., in	283 60	311 76	575 36	5, 008 18	200 00	700 00
Salaries, (reported daily).....	1, 075 25	9 41	1, 084 66	2, 077 66	2, 000 00	3, 000 00
Repairs:						
Concrete pavements, (reported daily).....	3, 530 43		3, 530 43	10, 055 69	45, 000 00	55, 000 00
Wood pavements, (reported daily).....	21, 435 72		21, 435 72	750 70	300, 000 00	300, 000 00
Miscellaneous, (reported daily).....	14, 352 56		14, 352 56	37, 755 92	23, 000 00	38, 000 00
Sweeping streets and avenues, (reported daily).....	3, 007 32	67 92	3, 075 24	9, 948 00	6, 300 00	10, 000 00
Cleaning alleys, (reported monthly).....	7, 101 00	751 83	7, 852 83	15, 970 13	9, 000 00	16, 000 00
Cleaning and repair of sewers and traps, (reported daily).....	2, 943 98	2 50	2, 946 48	9, 336 19	6, 000 00	10, 000 00
Material, (reported on completion of each item of work).....	592 00	1, 144 54	4, 108 56	2, 692 00	2, 100 00	2, 700 00
Miscellaneous expenses and supplies, (reported monthly).....		1 25	593 56			
Total.....	439, 896 84 16-95	30, 411 34 10-36	470, 308 19	873, 047 99	602, 720 00	952, 830 00
Total expenditure on work of improvement since June 30, 1874, (3.65 bonds).....				6, 434, 698 15		
Total expenditure on work of improvement since June 30, 1874, (cash).....				973, 972 05		

RECAPITULATION OF ESTIMATES.

1. Work of improvement, (no estimate made)
2. Repairs of wood pavements
3. Repairs of concrete pavements
4. Salaries
5. Labor
6. Material
7. Rent of District offices
8. Gas
9. Supplies for all District offices under the direction of the Commissioners of the District of Columbia, (of classes enumerated in report of superintendent of property, Appendix 7, except construction material)
10. Redemption of water-bonds

Total

a Measurements date from June 20, 1874, and embrace all work payable in 3.65 bonds not measured by the board of public works, (see Appendices Nos. 9 and 10, table of contracts of board of public works and table of board rates.)

b No estimate made for improvements.

c See Appendix No. 11, total expenditure since June 20, 1874, \$973,972.05.

d See Appendices Nos. 1 and 12, report of chief clerk and statement of reduction of force.

e See Appendices Nos. 2 and 3, report of water-registrar; all expenditures payable from water-fund.

f Estimated for redemption of water-bonds, (act approved July 20, 1871.)

g See Appendix No. 3, report of surveyor.

h See Appendix No. 7, report of superintendent of property.

i See Appendix No. 5, report of inspector of buildings.

k See Appendix No. 8, report of overseer of lamps.

l See Appendix No. 4, report of parking commission.

m See Appendix No. 6, report of overseer of repairs.

The estimates in the foregoing table have been fixed at a minimum. The appropriations for the purposes indicated should be specific and definite, and the expenditures for repairs should be regulated by some general plan to be adhered to during the progress of the work. No estimate is made for continuing the work of improvement; but for the extraordinary repairs required in replacing the wood pavements, which are rapidly disappearing from the surface of the streets, the necessary funds should be provided for use during the next working season. The condition of these pavements is such that any attempt to repair them is a waste of time and money. The only remedy applied to them at present is to fill up the holes with gravel as they occur upon streets which are much used by vehicles, and this primitive expedient does not solve the problem in such cases, nor recommend itself to general application. The pavements must be replaced by a more durable material than wood blocks. In justice to the round-block pavements, it should be said that they have required little or no attention, and are now in fair condition, a few streets only showing evidences of wearing out, without any general indication of decay. None of these require renewal at present. The defective concrete pavements laid under the board of public works and not yet repaired require the greater part of the expenditure for repairs which is estimated for in the coming year. Minute repairs of all pavements of this class are required from day to day, and will consume the balance of the estimate. Unremitting care and prompt attention are necessary for the proper maintenance of these pavements, and will greatly reduce the cost of repairs. The necessity for a liberal provision for general repairs will appear from the following table of approximate areas of pavements, &c., to be provided for:

	Square yards.
Wood pavement, (square block).....	734, 329
Wood pavement, (round block).....	144, 016
Concrete pavement, (exclusive of Pennsylvania avenue between First and Fifteenth streets, N. W.).....	701, 376
Pennsylvania avenue between First and Fifteenth streets, N. W., and inter-sections, about.	80, 000

Of Neuchatel and Grahamite asphalt pavements about one-half laid; work progressing.

	Square yards.
Belgian-block pavement.....	218, 430
Blue-rock.....	256, 855
Cobble-stone.....	155, 800
McAdam carriage-way.....	235, 877
Gravel carriage-way.....	994, 442
Alley pavements.....	262, 074

Total length of county roads, $102\frac{82}{100}$ miles; total length of District water-mains laid, 730,314½ linear feet, or $138\frac{1674}{280}$ miles; total number of catch-basins, 2,459; total number of manholes, 3,170; main brick sewers, from 2 feet 6 inches to 30 feet in diameter or span, 103,596 linear feet; tile-pipe sewer from 12 to 36 inches in diameter, exclusive of house-connections, 497,432 linear feet. There are in addition to the foregoing about 41,000 linear feet of brick sewers in Washington which were constructed under the old corporation, ranging in size from 2 to 6 feet diameter or span, and in Georgetown about 16,000 linear feet of combined brick sewers and open drains, ranging in size from 3 to 8 feet diameter or span; also the old graveled streets and the alley pavements.

GENERAL CONSIDERATIONS.

It is to the maintenance and perfection of the present improvements rather than their further extension that every energy should be directed

at present. For this the restoration of defective wood and concrete pavements and the modification of some of the lateral sewerage, laid under former administrations, which is now a source of inconvenience and injury to private property, demand the earliest consideration. In the matter of sewerage a number of localities from which complaints were received have been visited, the cause of complaint ascertained, and a remedy devised, of which the want of funds has prevented an application. In general the difficulty arises from the insufficient size of lateral sewers, and the remedy is either to increase the size or to provide for surface-drainage, and keep the rain-fall out of the sewers, in whole or in part, wherever these are too small to carry it. In general, is the plan of improvement of Washington and Georgetown, and ordinarily of any city in which the surface-water is carried off by the sewers, each square is provided with a catch-basin at one or more of its lower corners which receives the drainage from the square and from one-half of the surrounding carriage-way, and this drainage is emptied into a sewer which gradually increases in size in proportion to the number of squares, the drainage of which it receives in succession. The construction of modern pavements of carriage-ways is based upon this system. It avoids all intersecting gutters to break the uniformity of its surface, and surrounds each square with a low elevation caused by the rise of the pavement from the gutter to the middle of the street, the crown of the carriage-way, which confines the surface-water of the square to the gutter which surrounds it, unless the water rises to such a height as to flow over the crown of the carriage-way, the gutters leading it to the catch-basins placed to receive it. On streets of considerable inclination where the crown of the carriage-way on the intersecting street is low, as on the streets paved with concrete or asphalt, the continuous gutter of the one street is not interrupted by the crown of the other, and unless some means be taken to prevent it the surface-water will pass the catch-basin at the corner of a square without entering, and will accumulate at some other point where the catch-basins and their outlets will be required to receive and discharge the drainage of two or more squares. By taking advantage of this fact and favoring to some extent the application of the principle in laying the pavement of the carriage-way, the inlets to the sewers may be so located as to very greatly diminish the cost of rectifying errors in the dimensions of the sewers themselves.

The use of self-acting flood-valves was recommended in my last annual report, for the protection of private property against the consequences of an overtaxed sewer, and particularly in the case of cellars below or near tide-level, in which no other remedy could be devised. The valve should be placed at or near the building-line to prevent the entrance of water from the sewer into the premises by means of the house-connection. It has been said that these automatic valves are of uncertain action and liable to get out of order, and the complaint appears to be well founded in the case of all that have been brought to my notice, which depend upon gravity, the motion of a hinge, or the accurate fitting of metal surfaces, for closing them effectually. But there was brought to my notice recently a device which impresses me favorably as a successful solution of the problem. A chamber is made, of suitable size, at the bottom of which is the outlet-pipe, and at the top, entering vertically, the inlet-pipe of the chamber, which is the inner section of the outlet-pipe. The end of the inlet-pipe is the valve-seat, against which is forced a hollow globe, of some material to be determined upon. Whenever water enters the chamber to a sufficient height

to lift the ball into position as the latter floats with a small proportion only of its bulk immersed in the water, and is properly secured to insure its rising into its place against the valve-seat, the valve is closed before the water rises to the valve-seat, and like any other valve under the circumstances only fits the closer with increase of pressure upon it. I am informed that a patent has been applied for, covering generally these principles, which seem to be capable of very general adaptation.

The cost of cleaning sewers given in the preceding table of expenditures does not include the cost of removing the large deposit in the main Tiber sewer, which has been accumulating there since 1871. This has been done under contract at a cost of \$3,127. It is probable that the work will have to be resumed, and continued from time to time, until the principal sewers emptying into the main Tiber sewer are also free from accumulations of sand and clay, and until additional gravel-pits are constructed at the principal inlets to arrest the sand and gravel brought down by the various branches of Tiber Creek. In general, an efficient supervision and prompt removal of deposits will be found indispensable to the maintenance of the sewer system.

A question of growing importance is that of the disposition to be made of the noxious gases which are generated in the sewers. No plan has yet been tried with the present sewer system, but after an examination of the various methods proposed or applied elsewhere, I incline to the opinion that but one is practicable.

The use of absorbents or disinfectants for disposing of the gases will do perhaps for a special and limited application, like the use of a trap for local suppression, but the attempt to capture in this way the gases generated in one hundred and thirty miles of sewers has not the appearance of practicability. The copious admixture of pure air with these gases renders them innoxious, and the difference of temperature between the sewers and the external air, together with the great "diffusive power" of the gases, which are of slight density, afford the means of introducing air into the sewers and withdrawing the diluted gases. The failure heretofore of plans for ventilating sewers seems to have been due to the attempt to effect this in a wholesale fashion by means of chimneys creating powerful draught, and from which too much was expected. The draught was created, but its influence lost within a small area. The system which applies to the ventilation of a mine fails in its application to sewers with their long ramifying lines of slight sectional area and numerous openings into the external air. The ventilation can probably be effected by making use of every opening and taking advantage of the motion of the gases in the sewers, which latter may be regulated to some extent. It will be necessary to perforate the covers of the man-holes, which are located at intervals of about 150 feet, and to apply some device for intercepting the gases in their motion through the sewers from the lowest to the highest point, so as to obviate the present tendency of these gases to accumulate at the upper extremities of the sewers. This tendency is that of the gases in a chimney-flue, the whole line of sewer being an inclined flue, and it is probable that the simple opening of the man-holes for the admission of air, without any mechanical device for the deflection of the gases into the man-holes, would favor this tendency by the deflecting power in the direction of the sewer of the slightest descending current of heavy air. Under the old corporation government works, the sewers constructed were at first without means of ventilation. After the destruction of one or two of them by the explosion of the accumulated gases, the man-hole covers were per-

terated and no further trouble was experienced. These sewers were neither of great extent nor of very general use.

The best system now in use for the purification of dwellings having sewer connections is neither by absorption, disinfectant, nor suppression of the gases, but by their purification by the abundant admixture of pure air. The main pipe through which the house-drainage escapes to the sewer is carried up through the roof of the house and left open at the top; another and independent pipe is connected with this one near its point of exit from the premises, and is also carried up through the roof of the house and left open at the top. All pipes entering the main pipe within the dwelling are effectually trapped, so that the two pipes first described constitute a siphon through which there will be a constant circulation of air, the ascending current following the warmer leg of the siphon. If either pipe can be carried up next to a chimney-flue which serves a constant fire, this action will be greatly facilitated by maintaining a greater difference of temperature between the two siphon legs.

It is perhaps advisable for the present to separate the system of ventilation for dwellings from that of the sewers by trapping the house-connection at the building-line. Whether it may be expedient to utilize the system of house-ventilation for assisting in the ventilation of the sewers, is a question which can be decided hereafter. The house-system will render involuntary assistance, and without prejudice to itself, if it be properly maintained, through the forcing of the traps of the house-connections by the pressure of gases in the sewers whenever this pressure demands such a mode of escape for the gases. There need be no apprehension, with an abundant supply of water, that the sewers will ever be a source of injury to the health of the District, but their thorough ventilation should be gradually effected; and the immediate ventilation of all dwelling-houses connected with sewers, in conformity with some established plan, should be enforced by appropriate legislation.

There appears to be as yet no reason to apprehend any future difficulty in the removal of sewage by the Potomac River from the waterfront of Washington and Georgetown, after its discharge from the main sewers.

I am still of the opinion expressed in my last report that the main Tiber sewer is not of sufficient capacity to carry off the water from such storms as may occur under a peculiar combination of circumstances, and that an overflow should be provided at the Botanical Gardens to meet such an emergency. The outlet of this sewer, the James Creek Canal, has been dredged to the proposed depth, and the retaining-walls are completed as far as N street south. A tendency to make immediate use of the canal for delivering boat-loads of stone, gravel, and sand, is developing, and suggests certain precautions. The walls have an excess of strength for the purpose contemplated, but are not designed as wharf-walls to sustain heavy loads. It would be well to fix a line at, say, 20 feet inside the face of the wall, beyond which all such heavy material must be deposited.

The foundation of the wall is fixed at two feet below the bottom of the canal, and has in addition a bench or berm above it, necessarily left at the foot of the wall in dredging. It rests upon hard clay or compact sand throughout its entire length, and the result of two severe storms since the sewer was turned into the canal shows that the foundation of the wall is below the possibility of scour with the present water-way. Ordinarily all boats are swept out of the canal when the storm-water enters it from the sewer; but if one or more heavily-loaded boats were

made fast to the wall on either side at such times, in such a manner as to seriously contract the water-way, the wall might be injured by the scouring action so induced, although the tendency would be rather to divert such action toward the middle part of the canal, which is fifty-seven feet in width. It would be well to require either that no boats of any description should be made fast in the canal, except by a slight stake to hold them against the ordinary movement of the tides, or else to provide a mooring place, where the foot of the wall would be properly protected by a row of sheet-piling and apron of bowlders. It is probable that the use of sections of the canal can be leased for wharf purposes, upon the condition that the lessee shall make such provision for the security of the wall as may be necessary, and shall guarantee its preservation.

The report of the water-registrar renews the consideration of several important questions affecting the water-supply of Washington and Georgetown. The rapid increase in the number of premises supplied with Potomac water is steadily diminishing the supply to each, and the deficiency increases so rapidly that means should be taken at once to provide a remedy.

The unequal supply within the city is probably due, in some measure, to defects in the arrangement of mains, and in the distribution and use of stop-valves, growing out of the absence of any original system, but the remedy is a complicated problem, the solution of which can be arrived at only by patient investigation, the study of the water-pressures, under various combinations of valves, and the various conditions of supply. This was undertaken last year, after consultation with General M. C. Meigs, who designed and executed the work upon the Washington Aqueduct. By his advice a stop-valve was introduced into the 30-inch Government main, near its junction with the 30-inch District main, as an important element in the investigation, as well as a much-needed safeguard for this main. These two mains unite at the intersection of Massachusetts and New Jersey avenues, (the District main having been reduced, at the intersection of New Jersey avenue and L street, northwest, from a 36-inch to a 30-inch main,) and a single 30-inch main proceeds from the junction, by the way of New Jersey avenue and B street north, to the high ground on Capitol Hill. This is tapped near the foot of the hill by a 20-inch main, which supplies a part of South Washington, or "the island," and at the same time re-enforces the 12-inch main on Pennsylvania avenue, the main which passes the Executive Mansion. The effect of uniting two mains in the manner of the District and Government mains, where each has a good pressure of water at the point of junction, is to re-enforce each other's pressure, but this action does not necessarily follow from the fact of two mains uniting and pointing in the same direction, where each is a reservoir feeding, by numerous outlets in rear of the point of junction, an area which it supplies. In such cases there is an equalization of pressure at the point of junction, and a total gain or loss, according to circumstances, the circumstances varying with each change in the relative and aggregate areas supplied.

The introduction of the stop-valve into the Government main at its junction with the District main, was intended to enable the use of the latter for the exclusive supply of that part of the city lying north of it, and on Capitol Hill, should this be found practicable, and it was suspected that were the Government main compelled to supply directly the legitimate demand upon it on the line of its route, to meet the changed condition of affairs since this main was laid, it would be found to re-enforce but little the District main at their

junction, and perhaps to rob the latter of a part of its pressure; just as the 30-inch main, which proceeds from this junction, is robbed by the 12-inch main on Pennsylvania avenue through the 20-inch connecting main. In other words, it was suspected that a very considerable loss of pressure was due to unnecessary friction through the faulty arrangement of connecting mains. The necessary conditions of the experiment can only be obtained by closing the 20-inch connection, and supplying "the island" and re-enforcing the Pennsylvania-avenue main directly from the Government main at the proper points, and then closing the 30-inch stop in this main so as to throw the entire supply of the District main upon the high ground north of it and upon Capitol Hill. This could not be effected, as it was necessary to leave the 20-inch connection open for the supply of South Washington. The experiment was made by closing the 30-inch stop in the Government main. The average pressure on Capitol Hill, due to the action of both mains before this stop was closed, was about $10\frac{1}{2}\%$ lbs., and after closing, the pressure due to the District main alone was $6\frac{1}{2}\%$ lbs., indicating that the Government main contributed but $3\frac{1}{2}\%$ lbs. to the pressure of the District main. A previous experiment, made by closing the stop in the District main, and compelling the Government main to supply Capitol Hill, gave a resulting average pressure of but $2\frac{1}{2}\%$ lbs.; and at several points the pressure was zero. These experiments were made as far as possible under the same conditions and at the same time of day. The result is a partial confirmation of the theory of the investigation. Although inconclusive as to the capabilities of the District main, it appears to indicate that a more judicious use could be made of the Government main. I was not prepared, however, for the additional evidence developed by the closing of the new 30-inch stop in the Government main. By this, the reflex action upon the avenue main, by way of the 20-inch main, was to some extent affected, the pressure near the 20-inch stop being reduced from 18 to 14 lbs. While the experiment was progressing, a letter was received, referred by the assistant engineer of the Washington Aqueduct, stating that the water-pressure at the Executive Mansion had been greatly reduced, and was inadequate to the supply of the building.

The opinion expressed by him that the closing of the 30-inch stop was the cause of the trouble, and the only remedy the re-opening of the stop, led to the discontinuance of the experiment. To attribute such action to the slightly reduced reflex pressure on the Avenue main at the foot of Capitol Hill is to assume that the water-supply of the Executive Mansion, passing within three squares of the building in the Government 30-inch main, is carried 11,000 feet beyond it to the foot of Capitol Hill and returned by means of the 12-inch Avenue main, but it was afterward discovered that at the time of the diminution of the water-supply at the Executive Mansion a local obstruction existed, and the weight to be attached to this evidence of the action of the mains is somewhat uncertain. The experimental investigation of this matter could be conducted with better advantage if the water-supply of the District, the control of the Government main, and the care of the aqueduct were all under one management, as there is necessarily an interdependence between these. Something should be done, and at once, in the matter of the water-supply for the District, which may at any time be cut off from the benefit of the Government mains. Either the supply must be regulated and controlled so as to divide it equitably, or provision must be made for increasing it. To resort to a general application of the system of water-meters for controlling the supply would be an expensive and probably unsatisfactory step to the rear, and to

limit the supply of water in any way, as an article of use and even of luxury, is objectionable, when it can be supplied in quantities to meet every reasonable demand and at little cost. The Upper Potomac furnishes an inexhaustible supply of excellent water, and this can now be brought to the distributing-reservoir, about four miles from Washington City, in quantities sufficient for the wants of the District for many years to come. The present difficulty is the inadequacy of the means of distribution between the termination of the aqueduct and the city of Washington, the mains laid for this purpose being taxed beyond their capacity. A plan has been suggested by General Meigs for remedying this difficulty with least expense, securing the full advantage of the capacity of the aqueduct. The subject is of so much importance, involving not only the comfort and convenience of the inhabitants of the District, but the efficiency of the sewer system, which depends upon a copious supply of pure water, that its consideration should not be longer delayed. I earnestly recommend that it be brought to the attention of Congress, with a view to provide the means for carrying out whatever plan may be decided upon by a board of competent engineers, to whose consideration should be submitted the whole subject of the water-supply of the District.

The work of tree-planting, under the direction of the parking-commission, has been continued during the past year with results as shown in their accompanying report. It should be remembered that the gentlemen composing this commission serve without compensation, and have been working industriously for over five years to carry out their own carefully matured and excellent plan for planting the streets of Washington and Georgetown with the best varieties of native and domesticated trees. Their success is, I believe, unprecedented in the history of tree-planting in large cities, and the credit of the resulting ornamentation of the District belongs to them.

The report of the inspector of buildings shows that, notwithstanding the practical cessation of the work of public improvement, private enterprise continues to feel the impetus of what has been done, and to profit by the low rates for labor and material which have prevailed of late. The value of buildings erected during the past year is estimated at \$4,155,177; being an increase of \$499,677 over the previous year, even upon the basis of a much lower valuation for those of last year. The enforcement of the building regulations has gradually secured a decided improvement in the general character and mode of construction of all private buildings, and the amended regulations, recently approved by the Commissioners, will further influence this matter to the advantage of the general public. The inspector of buildings makes certain recommendations for the erection of public buildings for various purposes, and for the sale of District property to meet in part the expense thereof, which I commend to your consideration.

With the working force at a minimum for the performance of current work, it has not been practicable to perform the necessary field-work in the preparation of the system of grades for the cities of Washington and Georgetown which was contemplated at the time of my last annual report. The work is progressing, however. In this connection may properly be considered the great need of an accurate topographical survey of the District as a basis for future improvement in the county. In the immediate vicinity of both Washington and Georgetown buildings are springing up rapidly, and subdivisions of large tracts of land in accordance with individual caprice are creating a serious obstacle to the systematic extension of the streets and avenues of the two cities into

the county. That such extension is inevitable in the near future is apparent from the present rate of growth. It should be provided for at once by the preparation and adoption of a detailed plan, based upon a careful study of the topographical features of the county. Such an assurance of the permanency of improvements in real estate as would be given by the ratification by Congress of such a plan would probably secure the investment of much timid capital which the changing grades of the last few years have driven from the District. This is more than probable, because it is difficult to imagine a more desirable place of residence than Washington and its vicinity must eventually become. With a mild, healthful climate, and a picturesque surrounding country, the capital of the nation should be, with the accumulation of wealth, the center of refinement and culture.

The gradual extension of public improvements must be resumed in time, and action in the matter of certain projected work of great importance, seriously affecting the health of the District, should not be long deferred. Your attention is again invited to the subject as referred to in my report last year, viz :

"In the southern part of Washington the old canal, as yet unfilled, is the principal obstacle to improvement. Sanitary considerations and the proximity of the canal to the Capitol unite with the interests of this section of the city in urging the importance of this work. I have fixed the grades of South Washington with a view to accomplishing this filling as economically as possible, and the work should be continued.

"Along the present Potomac front the swash-channel, that now floats a light-draught sand-boat as high as the Seventeenth street wharf, gives a wharf-line of so little value, that squatters have usurped the rights of the General Government unopposed, and occupy the line. Between this and the river-channel a belt of poisonous marshes stretches from Easby's Point to the arsenal grounds; and until these marshes are reclaimed by filling them up they must retard the development of the business part of the city and imperil the health of the inhabitants. The plan of the harbor commission, which has had the attention of Congress, and for which only \$50,000 has as yet been appropriated, provides for this work, and its execution is in the hands of the engineer department of the Army."

All plans for the future improvement in the District should have the same painstaking study and the same adaptation to the wants of the more remote future than are shown in the original plan of the capital. The execution of such plans, when well digested, may be swift and sure, but the hurried work of imperfect plans is inevitably wasteful and unsatisfactory, and work without plans, awaiting its own destruction in the future, is time and money thrown away.

Whatever may be contributed by the General Government toward the expense of the work of improvement within the District, it should be remembered that the control of this work is with Congress, and that the people can hardly be held responsible for a wavering policy or changing plans. This is, in my opinion, a matter of so much importance, that its consideration, with ceaseless care and attention, upon fixed principles of national policy and the requirements of the District, should be insured by appropriate legislation whenever a permanent form of government shall be provided for the District.

In conclusion, I have to invite your attention to the testimonial in favor of my assistants and their working force in the record of work performed.

Very respectfully,

R. L. HOXIE,

Lieutenant Engineers U. S. A., Engineer of District of Columbia.

To the Honorable the COMMISSIONERS DISTRICT OF COLUMBIA.

VIII.—APPENDIX No. 1.—REPORT OF CHIEF CLERK.

ENGINEER'S OFFICE,
Washington, D. C., November 30, 1876.

SIR: I have the honor to submit the following report of work done by the clerical force of this office since last annual report, one year ago:

Number of communications received, briefed, and recorded	7, 139
Upon these there have been 4,367 indorsements, and 2,591 reports.	
Number of letters written	2, 872
Number of copies of contracts prepared.	87
Number of permits (gas, sewer, water, and miscellaneous) issued.	4, 678
Number of daily reports prepared.....	313
Number of sets of vouchers prepared.....	453

During the months of February and March last a very large amount of work was done by the clerical force of this office in the preparation of tabular statements, showing the total expenditures under all contracts under which work was resumed by the Commissioners and those of a new series. These statements were forwarded by the Engineer to the Commissioners, and formed a part of their answer to interrogatories propounded by Committee on the District of Columbia, House of Representatives.

A work of considerable magnitude has been performed by a portion of the force in the revision and correction of accounts in the contract-ledger. Every account has been thoroughly overhauled and verified with the audit as audited by the late board of audit, and numerous clerical errors and overpayments have been corrected, and the District government has been, in the aggregate, considerably benefited.

The work of the office is of such a character as to preclude the possibility of specifying it in detail to any great extent; sufficient facts are, however, presented to show that it has been by no means inconsiderable, and coupled also with the fact that the clerical force during the year has been about 72 per cent. smaller than it was during the previous year, establishes the faithfulness and efficiency of the present although exceedingly small force.

Very respectfully,

JOSEPH C. ROCK,
Chief Clerk.

VIII.—APPENDIX No. 2.—REPORT OF WATER-REGISTRAR.

WATER-REGISTRAR'S OFFICE,
Washington, D. C., November 15, 1876.

SIR: I have the honor to submit the following report of operations of this department from November 15, 1875, to November 15, 1876:

WATER-MAINS.

The total length of water-mains laid by the department from organization, July, 1859, to November 15, 1876, is 675,314½ linear feet, or 127⁴⁷⁵⁴/₅₂₈₀ miles.

By an act of the legislature there were laid, under the direction of the chief engineer of the Washington Aqueduct, for the District of Columbia: Of 36-inch main, 21,998 feet; of 30-inch main, 1,750 feet; of 20-inch main, 4,100 feet; making a total of 27,848 feet, or 5¹⁴⁴⁸/₅₂₈₀ miles.

The length of mains laid by the Washington Aqueduct is 93,730 feet, or $17\frac{3970}{5280}$ miles. The late corporation of Georgetown laid in that city 55,000 feet, or $10\frac{3900}{5280}$ miles. This gives a total length of supply and distributing mains now in use within the District of Columbia to be 851,892½ linear feet, or $161\frac{812\frac{1}{2}}{5280}$ miles. The length of mains laid since November 1, 1871, to November 1, 1876, is 238,913½ feet, or $45\frac{1313\frac{1}{2}}{5280}$ miles.

From November 15, 1875, to November 15, 1876, there were laid: of 8-inch cast-iron pipe, 6,521 feet; of 6-inch pipe, 50,282 feet; and of 4-inch pipe, 542 feet; making a total of 57,345 feet, or $10\frac{4554}{5280}$ miles; of which the following is a correct list:

WASHINGTON D. C.

Location.	Street.	Streets between—	Diameter.	Length.
				<i>Feet.</i>
South side	E, north	Thirteenth and Thirteenth-and-a-half, west	6-inch	297
Do	F, north	First and Second, west	do	372
Do	do	Thirteenth and Fourteenth, west	do	30
Center	do	New Jersey avenue and North Capitol street, west.	do	504
Intersection	I, north	Corner Seventh, west	do	24
South side	M, north	Sixteenth and Seventeenth, west	do	504
Do	N, north	Seventeenth and Eighteenth, west	do	900
North side	P, north	Twenty-second and Twenty-third, west	do	280
Do	Q, north	Connecticut avenue and Nineteenth street, west.	do	150
Do	do	Thirteenth and Fourteenth, west	do	660
Center	do	Third and Fourth, west	do	412
South side	R, north	Connecticut avenue and Nineteenth street, west.	do	336
Both sides	S, north	Twelfth and Thirteenth, west	do	1,202
Do	do	Thirteenth and Fourteenth, west	do	804
Do	T, north	Seventeenth and Nineteenth, west	do	2,448
Center	C, south	Second and Four-and-a-half, west	do	1,460
Do	M, south	Four-and-a-half and Sixth, west	do	606
South side	O, south	do	4-inch	542
Center	B, north	Thirteenth and Fourteenth, east; thence along Fourteenth street, east, to B street, south; thence along the center of B street, south, to Nineteenth street, east, and thence along Nineteenth street, east, to C street, south.	6-inch	5,921
South side	C, north	Fourth and Sixth, east	do	670
Both sides	E, north	Fourth and Fifth, east	do	207
South side	do	First and Second, east; thence along Second street, east, to Massachusetts avenue; thence along Massachusetts avenue to First street, east.	do	1,416
North side	I, north	Twelfth and Thirteenth, east	} do	993
South side	do	Thirteenth and Boundary, east		
Both sides	B, south	Fourth and Fifth, east	do	492
Center	Third, west	Q and R, north	do	337
East side	Sixth, west	Rhode Island avenue and Boundary, north	do	792
Do	Tenth, west	North of Pennsylvania avenue, north	do	60
Do	Twelfth, west	South of Pennsylvania avenue, north	6-inch	120
Do	do	North of Pennsylvania avenue, north	do	32
Do	Thirteenth, west	S and T, north	do	696
West side	Seventeenth, west	R and S, north	do	600
Intersection	Nineteenth, west	Corner Q, north	do	25
East side	do	L and M, north	do	648
West side	Twenty-first, west	do	do	672
	First, west	Virginia avenue and K street, south; also west side of First street to G street; thence along First street and along the east side of First street, west.	6-inch	2,076
Center	Thirteenth-and-a-half, west.	B and Maryland avenue, south	do	1,226
Intersection	Third, east	Corner E, south	do	84
Center	do	Virginia avenue and L street, south	do	1,050
West side	Sixth, east	G and I, south	do	732
Both sides	Eleventh, east	Pennsylvania and South Carolina avenues, south.	do	1,452
Do	First, east	C and D, north	do	1,080
West side	Second, east	do	do	426

WASHINGTON, D. C.—Continued.

Location.	Street.	Streets between—	Diameter.	Length.
				<i>Feet.</i>
East side	Fourth, east	C and E, north	6-inch	957
Do.	Sixth, east	Massachusetts and Maryland avenues, north.	do	336
Center	Eighth, east	D and E, north	do	528
West side	do	B and D, north	do	1,220
Do.	Ninth, east	East Capitol and A, north	do	390
Center	do	H and K, north	do	836
East side	Connecticut avenue	L and M, northwest	do	624
Do.	do	Q and R, northwest	do	624
Center	Georgia avenue	Third and Fourth, southeast	do	648
South side	Massachusetts avenue	Seventeenth and Eighteenth, northwest	do	322
Do.	Maryland avenue	Sixth and Seventh, northeast	do	651
East side	New Hampshire avenue	Twenty-first and N, northwest	do	624
Do.	New Jersey avenue	K and L, northwest	do	573
South side	North Carolina avenue	Seventh and Eighth, southeast	do	360
Do.	Pennsylvania avenue	First and Fifteenth, northwest	8-inch	6,321
Do.	do	Eleventh and Twelfth, northwest	6-inch	432
North side	Rhode Island avenue	Sixth and Seventh, northwest	do	528
South side	do	Eighth and Ninth, northwest	do	480
Do.	do	Thirteenth and Fourteenth, northwest	do	444
Do.	Virginia avenue	Four-and-a-half and Sixth, southwest	do	432
Center	French	Ninth and Tenth, northwest	do	600
Do.	Marion	Q and R, northwest	do	540
South side	Park	Eleventh and Twelfth, northeast	do	456
Intersection	South Capitol	South Capitol and N	do	84
Do.	do	South Capitol and M	do	132
		Between N street and Massachusetts ave- nue and Fourteenth and Fifteenth streets, northwest.	do	700

GEORGETOWN, D. C.

Center	Potomac	Water and Grace	6-inch	228
Do.	Stoddart	High and Congress	do	902
South side	West	Montgomery and Green	do	338
North side	do	Montgomery and P-street Bridge	do	2,436

The total length of water-mains laid by this department since November 1, 1871, to November 15, 1876, is 238,913½ feet, or $45\frac{1313}{5280}$ miles; of which the following is a correct list, viz:

Statement of location, size, and number of feet of pipe laid from November 1, 1871, to November 15, 1876.

WASHINGTON, D. C.

Location.	Street.	Streets between—	Diameter.	Length.
				<i>Feet.</i>
Center	Eleventh, east	B and East Capitol, south	6-inch	844
Do.	B, south	Tenth and Eleventh, east	do	331
Do.	Eleventh, east	Pennsylvania avenue and Eastern Branch	do	4,311
Both sides	C, south	Fourth and sixth, east	do	1,340
Center	Fourth, east	Pennsylvania and North Carolina avs., east	do	419
Do.	A, north	First and Third, east	do	1,101
Do.	East Capitol	First and Eleventh, east	do	8,259
Do.	Ninth, east	East Capitol and A, south	do	88
Do.	A, south	Fourth and Sixth, east	do	735
Do.	Thirteenth, east	G and I, south	do	768
Do.	G, south	Twelfth and Thirteenth, east	do	600
Do.	Twelfth, east	E and G, south	do	638
Do.	B, north	Second and Third, west	do	412
Do.	Second, west	Indiana avenue and B, north	do	591
Do.	First, west	Pennsylvania avenue and D, north	do	1,091
Do.	Second, west	Pennsylvania avenue and B, north	do	2,038
Do.	First, west	I and L, north	do	1,122
Do.	Fifth, west	I and K, north	do	453
Do.	Eighth, west	I and G, north	do	863
Do.	Twenty-first, west	E and F, north	do	532
Do.	do	K and L, north	do	407

Statement of location, size, and number of feet of pipe laid, &c.—Continued.

WASHINGTON, D. C.

Location.	Street.	Streets between—	Diameter.	Length.
				<i>Feet.</i>
Center	C. south	Twelfth and Thirteenth, west	6-inch	892
Do	Eleventh, west	B and C, north	do	366
Do	H. south	Sixth and Seventh, west	do	528
Do	Eighteenth, west	F and G, north	do	352
Do	Twelfth, west	B and C, north	do	696
Do	do	Maryland avenue and river, south	do	1,272
Do	P. north	Fourth and Fifth, west	do	684
Do	Seventeenth, west	Pennsylvania and New York aves., north	do	5,443
Do	do	K and Massachusetts avenue, north	do	5,443
Do	I. north	Twenty-fourth and canal	do	2,077
Do	H. north	First and Third, east	do	1,615
Do	New York avenue	Fourth and Seventh, west	do	1,717
Do	E. south	Sixth and Seventh, west	do	588
Do	Sixth, west	H and I, south	do	137
Do	Fifteenth, west	I and K, north	do	418
Do	H. south	Fourth and a-half and Sixth, west	do	672
Do	Seventh, east	Pennsylvania avenue and B, south	do	1,031
Do	Fifth, west	P and Boundary, north	do	1,968
Do	New Jersey ave., east	B and E, south	do	588
Do	Connecticut avenue	K and Boundary, north	do	3,876
Do	K. north	Seventeenth and Twentieth, west	do	1,586
Do	E. north	Seventh and Eighth, west	do	295
Do	C. south	Fourth and a-half and Sixth, west	do	673
Do	Twenty-third, west	I and Circle, north	do	590
Do	Twenty-second, west	E and F, north	do	635
Do	Sixteenth, west	H and L, north	do	2,785
Do	F. north	Fourteenth and Fifteenth, west	do	775
Do	S. north	Eleventh and Twelfth, west	do	275
Do	Twelfth, west	N and Q, north	do	1,488
Do	O. north	Third and Fourth, west	do	700
Do	Third, west	O and P, north	do	1,264
Do	New York ave., north	North Capitol and First, east	do	1,725
Do	Third, west	I and New York avenue, north	do	2,185
Do	K. north	Ninth and Fifteenth, west	do	690
Do	B. north	First and Second, west	do	393
Do	Second, west	Pennsylvania avenue and B, north	do	651
Do	Sixth, east	A and B, north	do	729
Do	A. north	Sixth and Seventh, east	do	1,445
Do	Second, east	I and L, north	do	1,268
Do	L. north	Second and Third, east	do	369
Do	do	Seventeenth and Eighteenth, west	do	1,462
Do	Pierce	Fourteenth and Fifteenth, west	do	584
Do	Tenth, east	East Capitol and E, south	do	1,916
Do	Sixth and a-half, west	H and Water, south	do	842
Do	Seventh, west	D and E, north	do	968
Do	New Jersey ave., west	O and Q, north	do	295
Do	Columbia	Columbia and Tenth, west	do	1,676
Do	Rhode Island av., north	P and S, north	do	1,070
Do	Eleventh, west	K and N, north	do	1,573
Do	Vermont avenue	R and U, north	do	574
Do	do	Ninth and Tenth, west	do	
Do	P. north		do	
INTERSECTIONS.				
		Massachusetts avenue and Twenty-first	6-inch	200
		Fourth and S, northwest	do	432
		Pennsylvania avenue, between First and Eighth, southeast	do	186
		Pennsylvania avenue, between Fifteenth and Twenty-sixth, northwest	do	84
		East Capitol, between First and Eleventh, southeast	do	1,280
		Eighth, between Pennsylvania avenue and L, southeast	do	280
		Sixteenth, between H and Boundary, north-west	do	6,125
Total				92,546

GEORGETOWN, D. C.

Center	High	Bridge and Fourth streets	6-inch	1,950
	Total			94,496

Statement of location, size, and number of feet of pipe laid, &c.—Continued.

WASHINGTON, D. C.

Location.	Street.	Streets between—	Diameter.	Length.
				<i>Feet.</i>
	First, northwest	Intersection of F street	4-inch	96
	Second, northwest	do	do	83
	Third, northwest	Intersection of L street	do	100
	Fourth, northwest	do	do	50
	do	Intersection of K street	do	50
	Fifth, northwest	do	do	227
	do	Intersection of L street	do	74
	do	Intersection of Washington street	do	42
	Ninth, northwest	Intersection of S street	6-inch	96
	do	Intersection of T street	do	123
	Tenth, northwest	Intersection of Rhode Island avenue	do	36
	Thirteenth, northwest	V and Boundary streets	do	921
	do	North of Circle	do	24
	Fifteenth, northwest	S and T streets	do	491
	do	Intersection of R street	do	76
	do	Intersection of O street	do	117
	do	Intersection of P street	do	114
	do	Intersection of T street	do	154
	do	Intersection of Corcoran street	do	138
	Nineteenth, northwest	Intersection of M street	do	120
	Twentieth, northwest	O and P streets	do	240
	do	N and Massachusetts avenue	do	831
	do	Intersection of M street	do	84
	Twenty-first, north- west	Intersection of Massachusetts avenue	do	70
	do	Intersection of N street	do	224
	do	Intersection of O street	do	96
	do	Intersection of M street	do	100
	do	Intersection of New Hampshire avenue	do	334
	Twenty-second, north- west	New Hampshire avenue and M street	12-inch	416
	E, northwest	Intersection of First street	4-inch	91
	K, northwest	do	do	126
	do	do	do	36
	do	Intersection of New Jersey avenue	4-inch	126
	do	do	6-inch	72
	do	Intersection of Third street	4-inch	166
	do	Intersection of Fourth street	do	166
	do	Intersection of Fifth street	do	83
	do	Intersection of Sixth street	do	116
	do	Intersection of Seventh street	do	83
	do	Seventh and Ninth streets	6-inch	530
	do	Twenty-fourth and Twenty-fifth streets	4-inch	471
	do	Intersection of Twentieth street	6-inch	58
	do	Intersection of Twenty-first street	do	58
	do	Intersection of Twenty-fourth street	do	110
	do	Intersection of Twenty-fifth street	do	106
	do	do	4-inch	94
	do	Intersection of Twenty-sixth street	6-inch	113
	do	do	4-inch	70
	do	Intersection of Twenty-seventh street	6-inch	103
	do	do	4-inch	116
	L, northwest	Intersection of Twenty-first street	6-inch	95
	do	Intersection of New Hampshire avenue	12-inch	133
	do	Intersection of Twenty-second street	4-inch	156
	do	Intersection of Nineteenth street	6-inch	162
	do	Intersection of New Hampshire avenue	do	150
	do	Intersection of New Jersey avenue	do	53
	do	do	4-inch	63
	M, northwest	Intersection of Rhode Island avenue	6-inch	76
	do	Intersection of Fifteenth street	do	50
	do	Intersection of Sixteenth street	do	80
	do	Intersection of Seventeenth street	do	80
	do	Seventeenth street and Connecticut avenue	do	211
	N, northwest	Intersection of Twentieth street	do	58
West side....	O, northwest	Twentieth street to New Hampshire avenue	do	120
	do	Twelfth and Thirteenth streets	do	3-9
	P, northwest	Twentieth street and Circle	do	145
	do	Fifth and Sixth streets	do	126
	do	To east of Circle	do	24
	do	From southwest corner to Circle	do	120
	do	Sixteenth and Seventeenth streets	do	626
	do	Intersection of Sixth street	do	63
	do	Intersection of Seventh street	do	126
	do	Intersection of Eighth street	do	200
	do	Intersection of Ninth street	do	63
	Q, northwest	Intersection of Sixth street	do	211
	do	Intersection of Seventeenth street	do	608

Statement of location, size, and number of feet of pipe laid, &c.—Continued.

Location.	Street.	Streets between—	Diameter.	Length.
				<i>Feet.</i>
	R, northwest.	Seventh and Eighth streets.	6-inch.	331
	do	Fourteenth and Fifteenth streets.	do	694
	do	Intersection of Ninth street.	do	116
	S, northwest.	Intersection of Eighteenth street.	do	48
	do	Intersection of Seventeenth street.	do	100
	do	Intersection of Sixth street.	do	190
	do	Seventeenth and Eighteenth streets.	do	1,544
	do	Fifteenth and Sixteenth streets.	do	526
	do	Sixth and Seventh streets.	do	699
	T, northwest.	Thirteenth and Fourteenth streets.	do	645
	do	Intersection of Thirteenth street.	do	94
	W, northwest.	do	do	94
	Boundary.	do	do	40
	do	Intersection of Fourteenth street.	do	706
	Circle.	Massachusetts avenue, P street, and adjacent streets.	do	2,239
	Samson.	Intersection of Seventeenth street.	do	51
	do	Fifteenth and Seventeenth streets.	do	1,118
	Pierce.	Fourteenth and Fifteenth streets.	do	329
	Johnson avenue.	Intersection of R street.	do	60
Both sides.	Vermont avenue.	N and O streets.	4-inch.	1,009
East side.	do	M and N streets.	do	93
	do	H and I streets.	6-inch.	431
North side.	do	To north of Circle.	do	94
West side.	New Jersey avenue.	G and H streets.	3-inch.	1,275
	do	Massachusetts avenue and D streets.	do	1,373
	do	I and K streets.	4-inch.	446
	do	Intersection of F streets.	6-inch.	100
	do	do	4-inch.	34
	Rhode Island avenue.	Ninth and Tenth streets.	6-inch.	69
	do	Seventeenth street and Connecticut avenue.	4-inch.	758
	do	Sixteenth and Seventeenth streets.	do	611
	do	Fourteenth and Fifteenth streets.	do	1,432
	do	Intersection of Fourteenth street.	6-inch.	209
	do	Intersection of Fifteenth street.	do	110
	do	Intersection of Sixth street.	do	88
	do	And Circle.	do	96
	New Hampshire avenue.	Pennsylvania avenue and I street.	3-inch.	263
West side.	do	West side Twentieth to south side N street.	6-inch.	331
	do	East side Twentieth to south side N street.	do	244
West side.	do	O street to Circle.	do	250
East side.	do	Fourteenth street to Circle.	do	464
	do	Intersection of N street.	do	302
	Massachusetts avenue.	Twenty-first and Twenty-second streets.	do	528
North side.	do	Twentieth and Twenty-first streets.	do	591
	do	Intersection of Eighteenth street.	do	328
	do	Intersection of Twenty-first street.	do	171
	do	Intersection of Seventeenth street.	do	312
	New York avenue.	Intersection of M street.	do	100
	do	Intersection of New Jersey avenue.	do	70
	Connecticut avenue.	Intersection of M street.	do	275
	do	do	4-inch.	275
	do	Intersection of N street.	6-inch.	249
	do	do	4-inch.	241
	First, northeast.	H and I streets.	6-inch.	462
	Fourth, northeast.	East Capitol and C streets.	do	1,487
	do	Intersection of L street.	do	24
	Fifth, northeast.	East Capitol and B streets.	do	767
	Seventh, northeast.	do	do	750
	Eighth, northeast.	G and H streets.	4-inch.	487
	Ninth, northeast.	F and H streets.	6-inch.	1,073
	Tenth, northeast.	do	do	1,078
	A, northeast.	Second and Third streets.	do	440
	F, northeast.	Intersection of Ninth street.	do	53
	do	Intersection of Tenth street.	do	80
	G, northeast.	Intersection of Ninth street.	do	90
	do	Intersection of Eighth street.	do	107
	H, northeast.	North Capitol and First street.	do	355
	do	First and Fifteenth streets.	do	6,831
	do	Intersection of Fourteenth street.	do	93
	do	Intersection of Thirteenth street.	do	93
	do	Intersection of Twelfth street.	do	93
	do	Intersection of Eleventh street.	do	93
	do	Intersection of Tenth street.	do	93
	do	Intersection of Ninth street.	do	93
	do	Intersection of Eighth street.	do	93
	do	Intersection of Seventh street.	do	93
	do	Intersection of Sixth street.	do	93
	do	Intersection of Fifth street.	do	93

Statement of location, size, and number of feet of pipe laid, &c.—Continued.

Location.	Street.	Streets between—	Diameter.	Length
				Feet.
East side ...	H, northeast	Intersection of Fourth street	6-inch	9
	do	Intersection of Third street	do	9
	do	Intersection of Second street	do	9
	do	Intersection of Delaware avenue	do	5
	N. Capitol, northeast	Myrtle and K streets	4-inch	24
	Reservation, northeast	Stanton Place, (outlet)	6-inch	2
	Maryland avenue	Southeast corner Fourth, (outlet)	do	2
	do	Northeast corner Fourth, (outlet)	do	2
	Sixth, southwest	H and I streets	3-inch	38
	Ninth, southwest	Intersection of G street	6-inch	15
	B, southwest	Fourteenth and Fifteenth streets	do	55
	E, southwest	Fourth-and-a-half and Sixth streets	do	62
	Maryland avenue	First and Fourth-and-a-half streets	do	1, 61
	Second, southeast	A street and Pennsylvania avenue	3-inch	16
	do	East Capitol and Pennsylvania avenue	do	5
	Third, southeast	C and D streets	6-inch	78
	do	D and E streets	do	15
	do	Virginia avenue and L street	do	1, 08
	Fifth, southeast	East Capitol and A street	do	36
	do	A and B streets	do	37
	Seventh, southeast	Intersection of A street	do	2
	Twelfth, southeast	D and E streets	do	51
D, southeast	do	Third and Fourth streets	do	40
	I, southeast	Seventh and Eighth streets	do	67
	L, southeast	Second and New Jersey avenue	do	38
	New Jersey avenue	K and M streets	do	82

GEORGETOWN, D. C.

	Bridge	High and Market streets	6-inch	1, 93
	Congress	Dunbarton and Gay streets	do	72
	Gay	Congress and Washington street	do	

WASHINGTON, D. C.

Boundary		Commencing at Sixth street and running to Ninth street, thence along U street to Boundary, thence along Boundary to Twenty-second street and Massachusetts avenue, thence along Twenty-second street to N street northwest.	12-inch	11, 57
North side ...	Connection	To 12-inch main	6-inch	41
	L, northwest	Third and Fourth streets	4-inch	14
West side ...	Eighteenth, northwest	L and M streets, and along south side of M to Nineteenth street.	do	1, 00
South side ...	do	Connections	6-inch	1
	E, northeast	New Jersey avenue to First street	do	6
	O, northwest	Fifteenth and Sixteenth streets	do	50
	Q, northwest	do	4-inch	19
West side ...	Johnson avenue	Fourteenth and Fifteenth, and R and S streets.	14-inch	24
	do	do	6-inch	
Both sides ...	Nineteenth, northwest	P and Q streets	do	24
	Q, northwest	Nineteenth street and Connecticut avenue	do	38
South side ...	do	Sixth and Seventh streets	do	79
	do	do	4-inch	6
	Seventeenth, northwest	Massachusetts avenue and P street	6-inch	14
	L, northwest	Connecticut avenue and Eighteenth street	4-inch	47
North side ...	Q, northwest	Fifteenth and Sixteenth streets	6-inch	46
	Pennsylvania avenue, southeast	Twelfth and Thirteenth streets	4-inch	61
Do	do	do	6-inch	13
West side ...	Tenth, northwest	S and T streets	do	56
South side ...	A, southeast	Sixth and Seventh streets	4-inch	64
Do	do	do	6-inch	10
East side ...	Ninth, northwest	T and U streets	do	52
	Repairs	Virginia avenue and canal	do	7
	Connection	North Capitol and Myrtle streets	4-inch	6
	do	Thirteenth and Corcoran streets	6-inch	4
North side ...	do	North Capitol and First streets	4-inch	6
	do	Fifth street and Louisiana avenue	6-inch	3
	do	Used for taps at various places	3-inch	13
	do	Used for fountains	1-inch	18
Do	F, northwest	First and Second streets	4-inch	36
Do	B, northwest	Sixth and Seventh streets	6-inch	
Do	do	do	4-inch	31

Statement of location, size, and number of feet of pipe laid, &c.—Continued.

Location.	Street.	Streets between—	Diameter.	Length.
				<i>Feet.</i>
North side	H, northwest	First street and New Jersey avenue	4-inch	105
North side	I, northwest	C and N street, and New Jersey avenue	6-inch	1,248
Do	K, northwest	Third street and New Jersey avenue	2-inch	130
North side	M, northwest	Twenty-third and Twenty-fourth streets	6-inch	410
Do	N, northwest	Fifth street and New Jersey avenue	do	1,213
North side	P, northwest	Seventeenth and Eighteenth streets	do	1,023
Do	Q, northwest	Fifth street and New Jersey avenue	do	543
North side	R, northwest	Eighth and Ninth streets	do	276
Do	do	Ninth and Tenth streets	do	561
Do	do	Fifth and New Jersey avenue	do	395
Do	S, northwest	Intersection of Thirteenth street	do	48
Do	do	Intersection of Fourteenth street	do	48
Center	do	Eleventh and Twelfth streets	do	213
West side	First, northwest	H street and New Jersey avenue	4-inch	350
Do	Fourth, northwest	M street and Ohio avenue	6-inch	930
West side	Fifth, northwest	Q and Boundary streets	do	1,034
Do	do	O and Q streets	do	900
Do	Eleventh, northwest	do	4-inch	506
East side	Twelfth, northwest	S and T streets	8-inch	570
Do	Thirteenth, northwest	S and V streets	do	1,502
East side	Fifteenth, northwest	R street and Rhode Island avenue	do	1,857
Do	Eighteenth, northwest	E street and New York avenue	do	132
Do	Nineteenth, northwest	L and M streets	do	630
East side	Twenty-sixth, north- west	I and K streets	do	635
South side	G, southwest	Ninth and Tenth streets, southwest	do	498
East side	Sixth, southwest	G and H streets, southwest	do	396
West side	do	do	do	396
North side	K, northeast	Second and New Jersey avenue	do	2,888
East side	Sixth, northeast	East Capitol and A streets	do	432
West side	Eleventh, northeast	B and C streets	do	320
Do	Twelfth, northeast	do	do	380
Center	Thirteenth, northeast	H and I streets	do	355
North side	A, northeast	Sixth and Ninth streets	do	1,250
Do	B, southwest	Eighth and Tenth streets	do	780
Intersection	D, southwest	Corner First street	do	178
Center	N, southwest	Third street, east, and Fourth-and-a-half street, west	do	5,037
Do	Fourth, southeast	Virginia avenue and L street	do	666
Do	do	A and B streets	do	372
East side	Sixth, southeast	East Capitol and A streets	do	429
Do	do	D street and Virginia avenue	do	604
Do	Seventh, southeast	East Capitol and A streets	do	413
Do	Eleventh, southeast	Intersection of D street	do	59
Do	do	Intersection of South Carolina avenue	do	59
West side	E, northwest	Thirteenth and Thirteenth-and-a-half streets	do	227
Do	F, northwest	First and Second streets	do	372
Do	do	Thirteenth and Fourteenth streets	do	30
Center	do	New Jersey avenue and North Capitol street	do	504
Do	I, northwest	Intersection of Seventh street	do	24
North side	M, northwest	Sixteenth and Seventeenth streets	do	504
Do	N, northwest	Seventeenth and Eighteenth streets	do	900
North side	P, northwest	Twenty-second and Twenty-third streets	do	280
Do	Q, northwest	Connecticut avenue and Nineteenth street	do	150
Do	do	Thirteenth and Fourteenth streets	do	660
Center	do	Third and Fourth streets	do	412
North side	R, northwest	Connecticut avenue and Nineteenth street	do	336
Do	Tenth, northwest	North of Pennsylvania avenue	do	60
Do	Twelfth, northwest	South of Pennsylvania avenue	do	120
East side	do	North of Pennsylvania avenue	do	32
Do	Thirteenth, northwest	S and T streets	do	696
West side	Seventeenth, north- west	R and S streets	do	600
Do	Nineteenth, northwest	Intersection Q street	do	25
East side	do	L and M streets	do	648
West side	Twenty-first, north- west	do	do	672
Do	First, southwest	Virginia avenue and K street, south, west side, to G street; thence along the east side of First street, west	do	2,076
Center	Thirteenth-and-a-half, southwest	B street and Maryland avenue	do	1,226
Center	Third, southeast	Intersection of E street	do	84
Do	do	Virginia avenue and L street	do	1,050
West side	Sixth, southeast	G and I streets	do	732
East side	Eleventh, southeast	Pennsylvania and South Carolina avenues	do	1,452
Do	First, northeast	C and D streets	do	1,086
West side	Second, northeast	do	do	426

Statement of location, size, and number of feet of pipe laid, &c.—Continued.

Location.	Street.	Streets between—	Diameter.	Length.
				<i>Feet.</i>
East side	Fourth, northeast	C and E streets	6-inch	957
Do	Sixth, northeast	Massachusetts and Maryland avenues	do	336
Center	Eighth, northeast	D and E streets	do	528
West side	do	B and D streets	do	1,230
Both sides	S, northwest	Twelfth and Thirteenth streets	do	1,902
Do	S	Thirteenth and Fourteenth streets	do	1,504
Do	T	Seventeenth and Nineteenth streets	do	2,448
Center	C, southwest	Second and Fourth-and-a-half streets	do	1,460
Do	M	Fourth-and-a-half and Sixth streets	do	606
South side	O	do	do	542
Center	B, northeast	Thirteenth and Fourteenth streets, thence along Fourteenth street, east, to B street, south; thence along the center of B street, south, to Nineteenth street, east, and thence along Nineteenth street, east, to C street, south.	do	5,921
South side	C, northeast	Fourth and Sixth streets	do	670
North side	E, northeast	Fourth and Fifth streets	do	207
Do	do	First and Second streets, thence along Second street, east, to Massachusetts avenue, to First street, east.	do	1,416
North side	I, northeast	Twelfth and Thirteenth streets	do	993
South side	do	Thirteenth and Boundary streets		
Both sides	H, southeast	Fourth and Fifth streets	do	492
Center	Third, northwest	Q and R streets	do	337
East side	Sixth, northwest	Rhode Island avenue and Boundary street	do	792
West side	Ninth, northeast	East Capitol and A streets	do	360
Center	do	H and K streets	do	936
East side	Connecticut avenue	L and M streets	do	684
Do	do	Q and R streets	do	684
Center	Georgia avenue	Third and Fourth streets	do	642
South side	Massachusetts avenue	Seventeenth and Eighteenth streets	do	528
Do	Maryland avenue, northeast	Sixth and Seventh streets	do	651
East side	New Hampshire avenue	Twenty-first and N streets	do	694
Do	New Jersey avenue	K and L streets	do	573
South side	North Carolina avenue	Seventh and Eighth streets	do	360
Do	Pennsylvania avenue	First and Fifteenth streets	8-inch	6,521
Do	do	Eleventh and Twelfth streets	do	432
North side	Rhode Island avenue	Sixth and Seventh streets	6-inch	568
South side	do	Eighth and Ninth streets	do	490
Do	do	Thirteenth and Fourteenth streets	do	444
Do	Virginia avenue, southwest	Fourth-and-a-half and Sixth streets	do	432
Center	French, northwest	Ninth and Tenth streets	do	600
Do	Marion, northwest	Q and R streets	do	540
South side	Park, northeast	Eleventh and Twelfth streets	do	456
Do	South Capitol	Intersection of N street	do	84
Do	do	Intersection of M street	do	123
Do	do	Between N street and Massachusetts avenue, Fourteenth and Fifteenth streets.	do	700

GEORGETOWN, D. C.

Center	Potomac	Water and Grace streets	6-inch	229
Do	Stoddart	High and Congress streets	do	902
South side	West	Montgomery and Green streets	do	338
North side	do	Montgomery and P-street bridge	do	2,436

FIRE-PLUGS.

There are seven hundred and thirty-eight fire-plugs in the District of Columbia, nearly all of the McClelland patent.

During the year there have been erected sixty-four new ones, of which the following is a correct list:

One at the northeast corner Third and Q streets northwest.

One at the southwest corner Second and Pennsylvania avenue northwest.

One at the southwest corner Third and Pennsylvania avenue northwest.

One at the southwest corner Fourth-and-a-half and Pennsylvania avenue northwest.

One at the southwest corner Seventh and Pennsylvania avenue northwest.

One at the northeast corner Seventh and I streets northwest.
 One at the southwest corner Twelfth and S streets northwest.
 One at the southwest corner Twelfth and T streets northwest.
 One at the southwest corner Sixteenth and Q streets northwest.
 One at the northwest corner Seventeenth and R streets northwest.
 One at the northwest corner Seventeenth and T streets northwest.
 One at the southeast corner Seventeenth and M streets northwest.
 One at the southeast corner Eighteenth and T streets northwest.
 One at the southeast corner Eighteenth and N streets northwest.
 One at the southwest corner Nineteenth and R streets northwest.
 One at the northwest corner Twenty-first and L streets northwest.
 One on the south side of E street, between Thirteenth and Thirteenth-and-a-half streets northwest.

One on the south side of F street, between Thirteenth and Fourteenth streets northwest.

One at the southwest corner F and North Capitol streets northwest.
 One at the northwest corner First and G streets southwest.
 One at the northeast corner First and I streets southwest.
 One at the northeast corner First and K streets southwest.
 One at the northwest corner of Second and C streets southwest.
 One at the southwest corner Fourth-and-a-half and M streets southwest.
 One at the southwest corner Thirteenth-and-a-half and C streets southwest.
 One on the east side of Thirteenth-and-a-half street, near Maryland avenue southwest.
 One at the southeast corner O and Water streets southeast.
 One at the southeast corner First and D streets northeast.
 One at the southwest corner Second and D streets northeast.
 One at the southwest corner Second and E streets northeast.
 One at the southwest corner Third and C streets northeast.
 One at the northeast corner Fourth and D streets northeast.
 One at the northeast corner Fourth and E streets northeast.
 One at the northwest corner Eighth and B streets northeast.
 One at the northwest corner Eighth and C streets northeast.
 One at the southeast corner Eighth and D streets northeast.
 One at the southwest corner Ninth and A streets northeast.
 One at the northwest corner Ninth and I streets northeast.
 One at the southeast corner Ninth and K streets northeast.
 One at the northeast corner Twelfth and I streets northeast.
 One at the northeast corner Fourteenth and A streets northeast.
 One at the southeast corner Fourteenth and B streets northeast.
 One on the east side of E street near corner First street northeast.
 One at the northwest corner Third and K streets southeast.
 One at the northwest corner Fourth street and Georgia avenue southeast.
 One at the northwest corner Sixth and Virginia avenue southeast.
 One at the southeast corner Eighth and A streets southeast.
 One at the northwest corner Ninth and A streets southeast.
 One at the northwest corner Eleventh and D streets southeast.
 One at the northeast corner Seventeenth and B streets southeast.
 One at the northeast corner Nineteenth and C streets southeast.
 One at the northwest corner Maryland avenue and Eighth street northeast.
 One at the southwest corner New Jersey avenue and S street northwest.
 One at the southeast corner New Hampshire avenue and N street northwest.
 One at the southwest corner Pennsylvania avenue and Tenth street northwest.
 One on the south side of Pennsylvania avenue, between Twelfth and Thirteenth streets northwest.

One on the south side of Pennsylvania avenue, east of Fourteenth street northwest.
 One on the south side of Pennsylvania avenue, between Fourteenth and Fifteenth streets northwest.

One at the southeast corner South Carolina avenue and Eleventh street southeast.
 One at the northeast corner Tennessee avenue and B street northeast.
 One on the south side of Virginia avenue, between Fourth-and-a-half and Sixth street southwest.

One at the northeast corner High and Stoddart streets, Georgetown.
 One at the northeast corner Nineteenth and T streets northwest.
 One at the southwest corner Maryland avenue and Seventh street northeast.
 2,205 fire-plugs shut off and examined after street-sweepers.

774 fire-plugs oiled.

774 fire-plugs painted.

740 fire-plugs opened to flush pipes.

150 fire-plugs repaired.

4 fire-plugs moved to new curb.

3 fire-plugs lowered.

STOP-VALVES.

Forty-one large stop-valves and boxes have been lowered; thirty-eight have been put in to replace old ones; thirty-three stop-valves repaired; three large stop-valves and boxes placed in Georgetown, D. C. One hundred and two stop-valves and boxes have been placed at the following locations during the year:

Stop-valves.	Location.
One 6-inch 2-way.....	Seventh and R streets, northwest.
One 6-inch 2-way.....	N, between Fourteenth and Fifteenth streets, northwest.
One 6-inch 4-way.....	Fourteenth, between N street and Massachusetts avenue, northwest.
One 6-inch 4-way.....	Center Seventh and A streets, southeast.
One 6-inch 4-way.....	Center Eighth and A streets, southeast.
One 6-inch 2-way.....	South side Thirteenth-and-a-half and B streets, southwest.
One 6-inch 4-way.....	Center Thirteenth-and-a-half and D streets, southwest.
One 6-inch 4-way.....	Center Thirteenth and I streets, northeast.
One 6-inch 2-way.....	Center Ninth and A streets, northeast.
One 6-inch 4-way.....	Center Thirteenth and F streets, northwest.
One 6-inch 2-way.....	Northeast corner Fourth and B streets, southwest.
One 6-inch 4-way.....	Center Sixth and C streets, northeast.
One 6-inch 4-way.....	Center Fifth and C streets, northeast.
One 6-inch 2-way.....	Center Eighth and D streets, northeast.
One 6-inch 4-way.....	Center Eighth and C streets, northeast.
One 6-inch 4-way.....	Center M and South Capitol streets, southwest.
One 6-inch 4-way.....	Center First and D streets, northeast.
One 6-inch 4-way.....	Center Ninth and I streets, northwest.
One 6-inch 4-way.....	Center Ninth and K streets, northwest.
One 6-inch 4-way.....	Center Twentieth and M streets, northwest.
One 6-inch 2-way.....	Center Twelfth street and Pennsylvania avenue, northwest.
One 6-inch 4-way.....	Center Seventeenth and R streets, northwest.
One 6-inch 2-way.....	Center Seventeenth street and Massachusetts avenue, northwest.
One 6-inch 2-way.....	Southeast corner Seventeenth and M streets, northwest.
One 6-inch 2-way.....	Rhode Island avenue and P-street circle, northwest.
One 6-inch 2-way.....	Center North Carolina avenue and Seventh streets, northeast.
One 6-inch 4-way.....	East side First street, center of G street, southwest.
One 6-inch 4-way.....	East side First street, center of H street, southwest.
One 6-inch 4-way.....	East side First street, center of I street, southwest.
One 6-inch 4-way.....	East side First street, center of I street, southwest.
One 6-inch 4-way.....	East side First street, center of K street, southwest.
One 6-inch 2-way.....	Northeast corner Rhode Island avenue and Sixth street, northwest.
One 6-inch 2-way.....	French street, east side Tenth street, northwest.
One 6-inch 4-way.....	Center Fourth street and Georgia avenue, southeast.
One 12-inch 2-way.....	Pennsylvania avenue and First street, northwest.
One 12-inch 2-way.....	Pennsylvania avenue and Fourth-and-a-half street, northwest.

Stop-valves.	Location.
One 12-inch 2-way	Pennsylvania avenue and Fifteenth street, northwest.
Two 6-inch 2-way	North side Pennsylvania avenue and Second street, northwest.
One 6-inch 2-way	South side Pennsylvania avenue and Second street, northwest.
One 3-inch 2-way	North side Pennsylvania avenue and Second street, northwest.
Two 6-inch 2-way	South side Pennsylvania avenue and Third street, northwest.
One 6-inch 2-way	North side Pennsylvania avenue and Third street, northwest.
One 6-inch 2-way	Northwest corner Connecticut avenue and L street, northwest.
Two 6-inch 2-way	High-service, Fourteenth street and circle, northwest.
One 6-inch 2-way	High-service, Fourteenth and R streets, northwest.
Two 6-inch 2-way	High-service, Fourteenth and N streets, northwest.
Two 6-inch 2-way	High-service, Fourteenth street and Rhode Island avenue, northwest.
One 6-inch 2-way	High-service, Fourteenth and P streets, northwest.
One 6-inch 2-way	High-service, Fourteenth and Q streets, northwest.
One 6-inch 2-way	High-service, Fourteenth and S streets, northwest.
One 6-inch 2-way	High-service, N street and Vermont avenue, northwest.
One 6-inch 2-way	High-service, N and U streets, northwest.
Two 6-inch 2-way	High-service, Corcoran and Thirteenth streets, northwest.
One 6-inch 2-way	High-service, Corcoran and Fifteenth streets, northwest.
Two 6-inch 2-way	High-service, N and Thirteenth streets, northwest.
One 6-inch 4-way	Center Nineteenth and B streets, southeast.
One 6-inch 2-way	Center Nineteenth between B and D streets, southeast.
One 6-inch 4-way	Center Fourteenth and B streets, southeast.
One 6-inch 4-way	Center Fourteenth and B streets, northeast.
One 6-inch 4-way	Center Third and I streets, southeast.
One 6-inch 4-way	Center Third and O streets, northwest.
One 6-inch 2-way	Center Fourth and D streets, northeast.
One 6-inch 2-way	Center Fourth and E streets, northeast.
One 6-inch 4-way	Center Twelfth and Park streets, northeast.
One 6-inch 4-way	Southwest corner F and North Capitol streets, northwest.
One 6-inch 4-way	Southwest corner Seventeenth and N streets, northwest.
One 6-inch 4-way	Northeast corner Nineteenth and L streets, northwest.
One 6-inch 4-way	Center Q and Fourteenth streets, northwest.
One 6-inch 2-way	Center Q and Thirteenth streets, northwest.
One 8-inch 2-way	South side Pennsylvania avenue and Third street, northwest.
One 6-inch 2-way	South side Pennsylvania avenue and Sixth street, northwest.
One 6-inch 2-way	North side Pennsylvania avenue and Sixth street, northwest.
One 8-inch 2-way	South side Pennsylvania avenue and Sixth street, northwest.
One 8-inch 2-way	South side Pennsylvania avenue and Tenth street, northwest.

Step-valves.	Location.
One 6-inch 2-way.....	South side Pennsylvania avenue and Tenth street, northwest.
Two 6-inch 2-way.....	South side Pennsylvania avenue and Twelfth street, northwest.
One 8-inch 2-way.....	South side Pennsylvania avenue and Twelfth street, northwest.
One 6-inch 2-way.....	North side Pennsylvania avenue and Fourteenth street, northwest.
One 8-inch 2-way.....	North side Pennsylvania avenue and Fifteenth street, northwest.
One 6-inch 2-way.....	North side Pennsylvania avenue and Fifteenth street, northwest.
One 6-inch 4-way.....	Northwest corner Massachusetts avenue and Second street, northwest.
One 6-inch 4-way.....	Center C and Third streets, northwest.
One 6-inch 2-way.....	Southeast corner Pennsylvania avenue and Sixth street, northwest.
One 6-inch 2-way.....	South side Pennsylvania avenue between Fourth-and-a-half and Sixth streets, northwest.
One 6-inch 2-way.....	North side Pennsylvania avenue between Second and Third streets, northwest.
One 6-inch 2-way.....	Northeast corner Pennsylvania avenue and Thirteenth street, northwest.

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One 6-inch 2-way.....	South side West and Montgomery streets
One 6-inch 2-way.....	North side West and Montgomery streets
One 6-inch 2-way.....	East side High, corner Stoddart, street.
One 4-inch 2-way.....	Corner First and High streets.
One 4-inch 2-way.....	Corner First and Market streets.

"T" BRANCHES INSERTED.

One 12-inch 2-way.....	Pennsylvania avenue and Fifteenth street, northwest.
One 12-inch 2-way.....	Pennsylvania avenue and Fourth-and-a-half street, northwest.
One 12-inch 2-way.....	Pennsylvania avenue and First street, northwest.
One 8-inch by 6-inch 4-way.....	Pennsylvania avenue and Twelfth street, northwest.
One 8-inch by 6-inch 4-way.....	Pennsylvania avenue and Tenth street, (south side,) northwest.
One 8-inch by 6-inch 4-way.....	Pennsylvania avenue and Sixth street, (south side,) northwest.
One 8-inch by 6-inch 4-way.....	Pennsylvania avenue and Third street, (south side,) northwest.
One 8-inch by 6-inch 4-way.....	Pennsylvania avenue and Second street, (south side,) northwest.
One 8-inch by 6-inch 4-way.....	Pennsylvania avenue and First street, (south side,) northwest.

HYDRANTS.

There are now in use 294 public hydrants in the District of Columbia; 5 have been erected during the year; 4 new ones have been erected to replace old ones; 12 moved to new curb; 514 repaired; and 263 painted.

WATER-SERVICES.

Two hundred and seventy-one new services run on Pennsylvania avenue between First and Fifteenth streets. Two hundred and thirty-nine new services run at various places by contractors.

LEAKS.

One hundred and twelve leaks in water-mains repaired.

MAINS LOWERED.

Two thousand two hundred and twenty feet of mains have been lowered.

TAPS.

One thousand four hundred and sixty-one taps have been made during the year. Of this number, two hundred and thirty-nine were made for contractors, and one hundred and eighty-seven made on Pennsylvania avenue, between First street and Fifteenth street, northwest.

FOUNTAINS.

There have been repaired thirty horse-fountains. Two horse-fountains have been erected.

GAUGES.

Ten water-gauges have been set.

METERS.

Two water-meters have been set.

MISCELLANEOUS.

27,200 water-rent and tax notices delivered.

12,150 houses examined for waste, &c.

730 outlets flushed.

396 houses turned off for non-payment.

556 turned on.

340 still off.

Pressure.

Location.	Elevation.	Pressure to square inch in November, 1876.
Delaware avenue and B street, northeast.....	73	21
Second and K streets, northwest.....	39	30
Fourth-and-a-half, between Pennsylvania avenue and C street, northwest.....	11	31
Fourth-and-a-half, between Pennsylvania avenue and C street, northwest.....	11	32
Massachusetts avenue, Fourth and Fifth streets, northwest.....	51	29
Corner L and Eleventh streets, northwest.....	82	19
Corner V and Thirteenth streets, northwest.....	102	15
K street, between Sixteenth and Seventeenth streets, northwest.....	54	27½
Corner New Hampshire avenue and P street, northwest.....	86	18
Washington Aqueduct Office, Twenty-first street and Pennsylvania avenue.....	69	34

WATER-TAX.

The following statement shows the amount of water-tax due and to become due, with interest, to be \$115,600.03; also showing property exempt from taxation amounting to \$10,556.56.

Annual statement of taxes for laying water-mains remaining unpaid.

Date of assessment.	Amount now due.			Amount not yet due.			Total amount remaining unpaid.		
	Amount now due.	Interest at 6 per cent. from date of assessment to date of report.	Total amount now due to date.	Amount not yet due.	Interest at 6 per cent. from date of assessment to date of report.	Total amount not yet due, with interest to date.	Amount remaining unpaid.	Interest at 6 per cent. from date of assessment to date of report.	Total amount remaining unpaid, with interest to date.
July 1, 1866	\$2,007 99	\$1,946 10	\$3,254 09				\$3,007 99	\$1,946 10	\$3,254 09
July 1, 1867	123 74	69 38	193 12				123 74	69 38	193 12
July 1, 1868	273 02	136 00	408 02				273 04	136 00	408 02
July 1, 1869	271 90	130 97	391 47				271 90	130 97	391 47
July 1, 1870	498 35	189 05	687 40				498 35	189 05	687 40
July 1, 1871	2,892 90	939 51	3,811 71				2,892 90	939 51	3,811 71
July 1, 1872	4,955 18	1,300 73	6,255 91				4,955 18	1,300 73	6,255 91
July 1, 1873	3,127 42	633 30	3,760 72	\$5,113 51	\$1,035 49	\$6,149 00	8,240 93	1,668 79	9,909 72
October 15, 1873	2,527 97	467 67	2,995 64				2,527 97	467 67	2,995 64
October 24, 1873	3,053 62	559 03	3,612 65				3,053 62	559 03	3,612 65
November 15, 1873	3,560 50	100 89	3,661 39				3,560 50	100 89	3,661 39
January 15, 1874	148 15	14 32	162 47	9,801 51	476 26	10,277 77	9,801 51	476 26	10,277 77
February 20, 1874	980 99	132 43	1,113 42	1,028 80	168 89	1,197 69	1,176 95	183 31	1,360 26
August 15, 1874				3,273 12	441 87	3,714 99	4,254 11	574 30	4,828 41
December 15, 1874				6,309 77	725 62	7,035 39	6,309 77	725 62	7,035 39
January 1, 1875				100 36	11 28	111 54	100 36	11 28	111 54
January 12, 1875				9,004 81	160 34	9,165 15	9,004 81	160 34	9,165 15
September 1, 1875				362 99	26 32	389 31	362 99	26 32	389 31
October 1, 1875	56 31	3 80	60 11	1,034 30	69 81	1,104 01	1,090 51	73 61	1,164 12
November 1, 1875	469 20	99 33	498 53	4,648 88	290 56	4,939 44	4,118 06	319 89	4,437 97
December 1, 1875				3,747 00	215 45	3,962 45	3,747 00	215 45	3,962 45
February 15, 1876				4,371 11	196 70	4,567 81	4,371 11	196 70	4,567 81
June 15, 1876	597 94	14 95	612 89	9,836 30	70 91	9,907 21	9,836 30	70 91	9,907 21
June 30, 1876							3,424 84	85 86	3,510 70
August 1, 1876				149 66	3 62	153 28	149 66	3 62	153 28
September 1, 1876	905 17	2 56	907 73	6,767 91	118 79	6,886 70	6,767 91	118 79	6,886 70
September 15, 1876				1,375 61	15 95	1,391 56	1,480 78	18 51	1,499 29
October 1, 1876	271 98	1 74	273 72	2,090 79	90 31	2,181 10	2,090 79	90 31	2,181 10
October 2, 1876				2,304 01	17 28	2,321 29	2,321 29	19 02	2,340 31
October 23, 1876				463 95		463 95	2,542 86		2,542 86
Totals	21,433 88	5,951 06	28,384 94	52,349 17	4,065 35	56,414 52	75,663 05	10,016 41	85,679 46

Amount advertised in June, 1875	38,904 73		
Amount advertised in May, 1876	16,104 44		
Total amount advertised	55,009 17		
Amount collected by collector of taxes to November 15, 1876	31,619 04	4,759 44	90,394 48
Balance remaining in hands of collector of taxes for collection		Estimated.	
Balance remaining in hands of water-registrar for collection	33,457 13	7,000 00	40,457 13
Total remaining in hands of water-registrar and collector of taxes for collection	75,680 05	10,016 41	85,696 46
Total remaining in hands of water-registrar and collector of taxes for collection	109,140 18	17,016 41	126,156 59
Deduct amount of tax claimed under existing laws to be exempt (see supplement)	8,184 88	2,371 86	10,556 74
Leaving a clear balance remaining unpaid of	100,955 30	14,644 73	115,600 03

WATER-REGISTRAR'S OFFICE, DISTRICT OF COLUMBIA, November 15, 1876.

Supplement to annual report.—Property exempt from water-main tax.

When assessed.	To whom assessed.	Remarks.	Tax.	Interest to Nov 15, 1876.	Total.	Grand total.
July 1, 1866	United States		\$109 06	\$67 89	\$176 95	
July 1, 1871	do		582 94	187 99	770 93	
Aug. 1, 1876	do		131 63	2 13	133 76	\$1,071 64
			813 63	238 01	1,071 64	
July 1, 1866	District of Columbia.		616 00	383 46	999 46	
July 1, 1869	do		175 30	77 53	252 83	
July 1, 1871	do		8 02	2 59	10 61	
July 1, 1872	do		634 35	156 52	790 87	
July 1, 1873	do		108 08	31 46	139 56	
Oct. 24, 1873	do		50 00	9 17	59 17	
Feb. 30, 1874	do		624 58	102 92	727 50	
Aug. 1, 1876	do		167 85	2 94	170 79	
Oct. 23, 1876	do		83 36	.....	83 36	
			3,405 36	756 61	3,921 97	3,921 97
July 1, 1870	Churches	Exempt under act of Congress, approved June 17, 1870.	226 11	86 48	312 59	
July 1, 1871	do	do	375 47	131 09	496 56	
July 1, 1872	do	do	136 13	40 96	197 11	
July 1, 1873	do	do	254 71	51 58	306 29	
Oct. 24, 1873	do	do	141 15	25 68	166 83	
Jan. 12, 1874	do	do	306 77	40 45	347 22	
Feb. 30, 1874	do	do	143 99	23 76	167 75	
Dec. 1, 1875	do	do	42 50	2 44	44 94	
Sept. 1, 1876	do	do	42 04	2 53	44 57	
			1,678 87	393 19	2,072 06	2,072 06
July 1, 1871	Providence Hospital	Exempt under act of Congress, approved June 17, 1870.	219 19	70 69	289 87	
July 1, 1872	St. Anthony's Relief Society	do	111 56	29 28	140 84	
July 1, 1873	Naval Hospital	do	145 82	47 05	192 87	
July 1, 1873	St. Matthew's Institute, (school)	do	50 06	10 14	60 20	
July 1, 1866	National Soldiers and Sailors' Home	Exempt under act of Congress, approved June 17, 1870.	41 56	25 89	67 45	
July 1, 1873	Little Sisters of the Poor	Exempt under act of incorporation, approved July 25, 1866	146 10	28 59	174 69	
July 1, 1867	Washington City Orphan Asylum	do	123 74	69 60	193 34	
Jan. 12, 1874	do	do	300 00	51 00	351 00	
Jan. 12, 1874	St. Mary's Academy of the County of Saint Joseph, Indiana	do	92 46	5 72	98 18	
Nov. 1, 1875			1,320 39	338 02	1,569 61	1,569 61
July 1, 1869	Colored public schools.	Miscellaneous.	75 00	33 45	108 45	

July 1, 1871	do	.....	170 05	55 13	180 04	
July 1, 1873	do	.....	144 92	57 44	180 05	
July 1, 1873	do	.....	73 07	14 04	180 05	606 16
			464 74	141 49	606 10	
July 1, 1870	Baltimore and Ohio Railroad Company	.....	380 06	145 47	525 53	
July 1, 1871	do	.....	317 32	108 34	419 66	
July 1, 1873	do	.....	388 61	65 33	387 94	
			1, 019 99	313 14	1, 333 13	1, 333 13
July 1, 1873	Chesapeake and Ohio Canal Company	.....	188 69	59 16	250 85	
July 1, 1866	First Congressional Society	.....	138 32	86 10	224 42	
Oct. 24, 1873	Commissioners of works and public buildings of Her Majesty the Queen of the United Kingdom of Great Britain and Ireland	.....	174 69	39 03	206 72	681 90
			.....	.....	.....	10, 556 56

Statement showing amount of tax for laying water-mains assessed against church property, and remaining unpaid on the water-tax books November 15, 1876. Exempt under acts of Congress approved June 17, 1870, and March 3, 1875. See supplement to annual statement of taxes for laying water-mains remaining unpaid under head of "churches."

How designated.	Denomination.	When assessed.	Tax.	Interest at 6 per cent. from date of assessment to November 15, 1876.	Total with interest.	Grand total.
Saint Augustine	Catholic, (colored)	July 1, 1870	\$67 36	\$25 76	\$93 12	\$312 59
Galvist Chapel	Methodist, (colored)	July 1, 1870	45 25	17 31	62 56	
Memorial Church	Presbyterian	July 1, 1870	73 70	28 19	101 89	
New Jerusalem	Swedenborgian	July 1, 1870	39 60	15 22	55 02	
			226 11	86 48	312 59	
Immaculate Conception...	Catholic	July 1, 1871	138 91	44 80	183 71	496 56
Saint Peter's	do	July 1, 1871	45 32	27 52	112 84	
Waugh Chapel	Methodist	July 1, 1871	46 79	15 09	61 88	
Mount Pisgah	Methodist, (colored)	July 1, 1871	37 41	12 06	49 47	
German Church	Methodist	July 1, 1871	27 66	8 92	36 58	
Grace Church	Episcopal	July 1, 1871	39 38	12 70	52 08	
			375 47	121 09	496 56	
Presbyterian	Presbyterian, (colored)	July 1, 1872	38 59	10 13	48 72	197 11
Synagogue	Jewish	July 1, 1872	80 77	21 90	101 97	
Calvary Mission	Baptist	July 1, 1872	36 77	9 65	46 42	
			156 13	40 98	197 11	
Holy Cross	Episcopal	July 1, 1873	49 64	10 05	59 69	306 29
Saint Paul's	do	July 1, 1873	117 35	23 77	141 12	
Mount Olive	Baptist	July 1, 1873	28 00	5 67	33 67	
Shiloh	Baptist, (colored)	July 1, 1873	46 59	9 43	56 02	
Methodist Church	Methodist, (colored)	July 1, 1873	13 13	2 66	15 79	
			254 71	51 58	306 29	
Christian Church	Christian	Oct. 24, 1873	86 40	15 84	102 24	167 03
Old Cathedral	Catholic	Oct. 24, 1873	54 75	10 04	64 79	
			141 15	25 88	167 03	
East Washington	Methodist	Jan. 12, 1874	114 29	16 40	130 69	337 22
Methodist Church	do	Jan. 12, 1874	69 76	7 83	77 59	
Little Ebenezer	Methodist, (colored)	Jan. 12, 1874	112 72	16 22	128 94	
			296 77	40 45	337 22	
Saint Mary's	Catholic	Feb. 20, 1874	37 50	6 18	43 68	167 75
Methodist Protestant	Methodist	Feb. 20, 1874	106 49	17 58	124 07	
			143 99	23 76	167 75	
Mission Chapel	Baptist	Dec. 1, 1875	42 50	2 44	44 94	44 94
John Wesley	Methodist, (colored)	Sept. 1, 1876	42 04	53	42 57	42 57
Total			1, 678 87	393 19	2, 072 06	2, 072 06

WATER-REGISTRAR'S OFFICE, DISTRICT OF COLUMBIA, November 15, 1876.

WATER-SUPPLY.

The engineer of the Washington Aqueduct, in his last annual report, estimates the quantity of Potomac water used in the District of Columbia every twenty-four hours at 25,000,000 gallons. Approximating the population of both cities, Washington and Georgetown, at 146,000, would give 165 gallons to each inhabitant thereof; 2,000,000 gallons a

day (24 hours) more than in 1875; 8,000,000 more than in 1873; 13,000,000 more than in 1870, and 17,000,000 more than in 1864.

This increase can in part be accounted for by the large number of water-takers, both in new and old houses, as also in the waste of water both in private and public buildings.

The following table illustrates the number of water-takers from July 1st, 1859, to date:

Statement of water-takers.		Taken during the year.	Increase over last year.	Decrease from last year.
July 1, 1859, to January 1, 1860.....		340		
January 1, 1860, to January 1, 1861.....		815	475	
January 1, 1861, to January 1, 1862.....		235		580
January 1, 1862, to January 1, 1863.....		282	47	
January 1, 1863, to January 1, 1864.....		444	162	
January 1, 1864, to January 1, 1865.....		359		85
January 1, 1865, to January 1, 1866.....		474	115	
January 1, 1866, to January 1, 1867.....		631	157	
January 1, 1867, to January 1, 1868.....		812	181	
January 1, 1868, to January 1, 1869.....		584		228
January 1, 1869, to January 1, 1870.....		577		7
January 1, 1870, to January 1, 1871.....		842	265	
January 1, 1871, to November 1, 1871.....		861	19	
November 1, 1871, to November 1, 1872.....		1,323	462	
November 1, 1872, to November 1, 1873.....		1,434	111	
November 1, 1873, to November 15, 1874.....		1,212		222
November 15, 1874, to November 15, 1875.....		1,412	200	
November 15, 1875, to November 15, 1876.....		1,441	29	
Total number of takers.....		14, 078		

In private buildings, during the past season, measures were taken to check the evil, and with success, so far as to give parts of the city on the higher elevation, heretofore without water, a fair supply. This subject, "waste-water," is fully discussed in another part of this report. As to public buildings owned and occupied by the General Government, this department has no control either to regulate the water-supply or to check the waste that is daily observed.

The following table illustrates approximately the quantity of water used every twenty-four hours in nineteen public buildings:

Amount of water used by Government buildings every twenty-four hours.

	Gallons.
Treasury	600, 000
Treasury machine-shop.....	280, 000
Navy-yard	700, 000
Navy Department.....	300, 000
State Department	400, 000
War Department.....	350, 000
Winder's building	200, 000
Patent-Office	400, 000
Post-Office	400, 000
Agricultural building and grounds	350, 000
Mittheonian Institution	150, 000
Botanical Garden, including fountain	500, 000
Hydrographic Office	150, 000
Capitol	600, 000
President's house.....	150, 000
Pension Bureau, Twelfth street and Pennsylvania avenue	200, 000
Post-office, Georgetown.....	250, 000
New jail	200, 000
Quartermaster-General's Office, Pennsylvania avenue and Fifteenth street..	200, 000

Total number gallons used..... 6, 390, 000

This figures up 6,380,000 gallons; and add the amount of water used and wasted in the different Government reservations, fountains, and so forth, it is safe to assume that 9,000,000 gallons every twenty-four hours is not too liberal an estimate.

The capacity of 12 and 30 inch mains:

12-inch	1, 150, 560
30-inch	11, 368, 500
Total capacity of 12 and 30 inch mains.....	12, 519, 360
And of 36-inch main.....	17, 935, 200

Total of 12, 30, and 36 inch mains.....	30, 454, 560
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So that in public buildings, reservations, &c., we consume daily three-fourths of the whole supply brought to the city by the 12 and 30 inch mains, and nearly one-fourth of the supply brought by the 12, 30, and 36 inch mains combined.

It is true the act of Congress approved March 3, 1859, says:

The said engineer (engineer of the Washington Aqueduct) shall have full power and control over the said water-works, and shall regulate the manner in which the said corporations of Washington and Georgetown may tap the pipes for the supply thereof, and shall stop the same whenever it is found no more than adequate to meet the wants of the General Government.

The above law is just, and was passed for the purpose of protecting the Government interest and necessities, and is often quoted to explain the supremacy of the Departments in the use of water. But it was evidently not the intent of this law, nor was it the intention of those who passed it, to permit a river of water to run to waste, to the inconvenience and injury of many citizens and their property. To remedy this and other defects, as well as to provide ways and means for the future water-supply of this District, I recommend the appointment of a board of engineers, experts in the matter of water-supply to cities. This board shall thoroughly examine into the whole question in all its details, and recommend a system that will embrace plans for the laying of additional mains, construction of reservoirs, filtration, and other subjects in connection with water-supply; and when the same shall have been approved, it shall be the guide hereafter.

The necessity for such action is very apparent to all, particularly so to those who have made a study of the subject.

WASTE WATER.

In all large cities there is now, and has been for years, a growing scarcity of water, and to this rule the District does not prove an exception. In addition to an insufficient supply, the most prolific cause of this evil is the waste of water, which in this department may be classified as follows:

First. The extravagant use in the several Departments of the Government, or, more properly speaking, the buildings owned and occupied by the Government.

Second. The extravagant use by citizens.

Third. The waste by the use of different patterns of closets, so constructed as to allow a continuous flow.

Fourth. Leaks in mains and services.

Fifth. Leaks in fixtures in residences caused either by accident or defective plumbing.

In regard to the first-named cause, this department has no remedy, but the preceding statement of the daily average use in said buildings,

amounting to 6,380,000 gallons, will prove the truth of the assertion. Over the remaining causes the water department has entire supervision; and during the past year I have made the utmost endeavors, by every means in my power, to prevent them.

Early in the present year a competent corps of assistant inspectors was organized, the city divided into inspection-districts, and a careful and thorough examination made of the streets, alleys, and residences in each district.

The number of leaks in the mains, services, hydrants, and fire-plugs reported and repaired during the year was 812; the number of waste-leaks in private residences reported was 740. In each of these cases a formal notice to have the waste cease and leaks repaired within a stated period was left with the owner or occupant of premises, and at the expiration of the time allowed a re-examination was made. In most instances the terms of the notice had been cheerfully complied with; but in some, on account of the continued refusal of the owners to repair, the department was forced to resort to the arbitrary power conferred by law, and the water-supply was cut off, and only restored after the necessary repairs had been made.

In making their tour, the inspectors ascertained that by far the most fruitful source of waste was the carelessness of occupants of residences who permitted spigots and closets to flow continuously, possibly not aware of the value of water, and probably caring but little for it. In all these cases a warning was given that if the practice was continued the water would be cut off; but, as it was entirely impracticable during the period of this inspection to make continuous visits to private residences, the result of the warning cannot be stated.

The following table will explain the result of the labor of the inspection:

Examination of houses from January to July, 1876.

Found wasting.		Found leaking.	
Closets	281	Closets	102
Basins	41	Basins	23
Baths	52	Baths	81
Urinals	35	Urinals	22
Hydrants	31	Hydrants	45
Fountains	20	Fountains	7
Total waste	460	Total leaks	280
			460
Grand total			740

Of the above, a re-examination proved that more than one-half, both of waste and leaks, were rectified by the owner without further trouble; in many instances additional time was given to make the necessary repairs; and in 321 cases the supply of water was cut off, and only restored when the owners had promised the waste should cease in the one case, or until the necessary repairs had been made in the other.

PREVENTIVE MEASURES.

The act of April 12, 1861, (sec. 32,) for the government of the water department provides:

If any occupant of premises into which has been introduced the water shall permit the same to run or waste unnecessarily from any hydrant, cock, jet, street-washer,

or other fixture; or if any hydrant, jet, cock, street-washer, or other fixture be found leaking, and said occupant, owner, or agent of the premises shall refuse or neglect to have the necessary repairs made without delay, or refuse admission to the water registrar, inspector, or other authorized agent into his premises when in the official discharge of his duty, as hereinbefore provided, the person so offending shall forfeit and pay a fine of not less than five dollars nor more than thirty dollars for each offense, and the supply of water shall be stopped from said premises until satisfactory evidence is given the water-registrar that the like case will not occur again.

June 18, 1875, the honorable Commissioners issued an order as follows:

Owing to the waste of water in public places, and the inconvenience resulting therefrom to many of the citizens of the District, the Commissioners have deemed it proper to adopt the following orders: The spigots therein mentioned can be procured at any plumbing establishment. Ordered: Spigots used in bar-rooms, restaurants, barber-shops, and similar places must be of the make known as spring-valve spigots.

2. Only one spigot will be allowed each bar.

3. Water-closets, where Potomac water is used, must be so constructed as to prevent waste; those now in use that are of a pattern to allow a continuous flow of water must be altered so as to prevent the same.

4. Fixtures for the use of water in livery-stables, railroad-depots, dyeing establishments, hotels, market-houses, station-houses, school-houses, barber-shops, and similar places must be of such a character as to prevent the unnecessary use and waste of water.

5. It shall be the duty of the water-registrar to examine and inspect, as now provided for by law, all premises using Potomac water, and in any place where the fixtures are not of the character hereinbefore provided, he shall notify the occupants of said premises to make, within ten days after notice, such alterations as may by him be deemed necessary to prevent the waste and unnecessary use of Potomac water, and if such alterations are not made within said ten days after notice, the water shall be stopped off until these requirements are fully complied with and satisfactory evidence of the fact given to the water-registrar at his office.

In accordance with the two above-named ordinances, a canvass of the city was made by the assistant inspectors, and the result was a noticeable decrease in the waste of water mainly by the substitution of the spring-valve for ordinary spigots in the restaurants and exchanging the common valve for other and more desirable classes of closets. There was at the time considerable opposition on the part of restaurant-keepers to the change, but they finally complied, more especially after they had ascertained that there was no patent on the spring-valve, and that they could be obtained for a very moderate cost from any of the plumbers of the city.

In the case of the water-closets which were constructed to run continuously, more trouble was experienced, as in many instances the owner or occupant of premises declined to undergo the expense of a change, but promised that the constant flow should cease. They may have kept their promise for a while, but it is probable that a further inspection will prove that the stoppage was only temporary, and that they are allowed to flow, as they were constructed to flow, constantly. In that event I shall vigorously enforce the law requiring that they be changed. In connection with the subject of waste by closets, the following carefully-prepared statement of the relative use of water by different classes of closets, submitted by the water-registrar of Boston to the Cochituate water board, will be found to contain information at once interesting and valuable, and at the same time equally as applicable to this District as to Boston.

HOPPER WATER-CLOSETS.

January 1, 1874, there were 16,137 of the different styles of these "hoppers" located within the premises of water-takers. They are found in all classes of houses; in the best ones, they are usually situated in the area under the sidewalk, or in back premises, exposed to frost, for the use of servants. The water is turned on in general by turning a crank, whereupon the water runs until turned off; and this turning off is

precisely what is omitted, because, totally unlike the pan-closet, which must of necessity close when the hand is removed, the water in the "hopper" flows until the specific operation of turning the crank again is performed, which is very apt to be inadvertently, negligently, or willfully left undone.

SELF-ACTING CLOSETS.

Under this head are two hundred and nine self-acting closets; that is to say, by opening a door or seat-pressure. These allow a flow of water only when in use, consequently the liability of these being left open is less than with the plain "hopper," but they require a much larger quantity of water than either the pan or self-acting closet. For instance, a family of seven persons, each one using the self-acting closet five minutes a day, these two hundred and nine closets call for 36,575 gallons, or saving in favor of the "pan or self-closing" of 30,723 gallons per day.

The manifest economy of the pan or self-closing closet over the "hopper" is still more forcibly shown from the following cases, which the introduction of meter-measurement has enabled the department to set forth accurately:

CASE No. 1.—Where there were five hopper-closets supplied, in twelve months they consumed 1,068,750 gallons. By substituting pan-closets for these, consumption for the same time was reduced to 384,831 gallons; amount saved, 703,919 gallons.

CASE No. 2.—Where there were three hopper-closets supplied, in twelve months they consumed 1,255,470 gallons. By substituting pan-closets for these for the same length of time, the consumption was reduced to 19,859 gallons; amount saved, 1,235,611 gallons.

CASE No. 3.—Where there was one hopper-closet, in twelve months it consumed 554,780 gallons. By substituting a pan-closet for the same length of time the consumption was reduced to 100,572 gallons; amount saved, 454,208 gallons.

CASE No. 4.—Where there were three hopper-closets supplied, in twelve months they consumed 494,180 gallons. By substituting six pan for the three "hoppers" for the same length of time, the consumption was reduced to 113,774 gallons; amount saved, 380,406 gallons.

CASE No. 5.—Where there was one hopper closet supplied, it consumed 554,800 gallons. By substituting one self-acting closet for the same length of time the consumption was reduced to 79,205 gallons; amount saved, 475,595 gallons.

The result of the above five cases shows in thirteen closets alone a total saving of 3,249,739 gallons a year, or a daily saving of 685 gallons for each closet, at the same time affording all the needed service. In these cases meters are attached, and the water is doubtless shut off at night, showing in part that the great waste was in the working-hours of the day. But for the meter, which compels the consumer to pay for the water wasted as well as used, the estimate of loss above given would be more than doubled.

NOTE.—The closets termed "hopper," in the above report, are identical with the several valve-closets used in this District, in which the supply is controlled by a crank or wheel; in other words, closets which will flow continuously unless the supply is shut off by the turning of a crank or wheel.

CENSUS OF WATER-TAKERS.

Attention is particularly invited to a table which is the result of a thorough canvass of the city and a personal visit and inspection of each house taking Potomac water by the assistant inspectors. The task was a laborious and expensive one, but the results fully justify the undertaking, as by it the exact number and condition of fixtures was ascertained, and many houses were found to be using water without authority of law, and without the payment of rent, and they were at once required to comply with the law. The classification of business is not as detailed as it might have been, but those specially enumerated in the table are the only ones which are charged extra rates.

The hotels, churches, schools, and charitable institutions, police-stations, engine-houses, &c., were omitted, as it was at the time impracticable to inspect them, but at an early day they will all be subjected to examination. The table which is annexed in detail shows that 1,170 squares were examined, 11,964 houses inspected, with the following result: Total number of closets in use, 10,246; baths, 5,543; basins,

4,594; urinals, 321; sinks, 9,190; engines, 42; hydrants, 5,024; fountains, 70; total number of spigots, 29,959. In this number leaks were discovered as follows: closets, 255; baths, 19; basins, 14; sinks, 90; hydrants, 37; number of spigots, 140; total number of leaks, 395.

CENSUS OF HOUSES IN THE DISTRICT.

In my last annual report I embraced a complete census of the houses of the cities of Washington and Georgetown, as follows:

	Brick.	Frame.	Total.
Washington City	10,944	12,177	23,121
Georgetown	1,051	1,111	2,162
Total.....	11,995	13,288	25,283

This year the census of houses was not taken, but adding the number of houses erected during the past year will give an absolutely correct census of houses in the District. A fact worthy of mention at this point is that in most of the old dwellings owners have been compelled to introduce water, or allow their property to remain idle. This is the universal admission of those who own houses of any pretension, and proves that tenants are not willing to forego the water-privilege, even at the expense of paying additional rent.

WATER-METERS.

The subject of meters for the supply of large cities is still attracting the careful consideration of the water-authorities and civil engineers in all countries. In Liverpool, England, where each house is supplied with water through cisterns, as is shown by a recent report of the "borough and water engineer," after a series of experiments to prevent the waste of water, the authorities finally decided upon what is known as the intermittent supply; in other words, during certain hours of the night the supply was drawn off from all the mains, thus leaving the inhabitants only such water as they may have stored in their cisterns during the day. This effected a considerable saving, but the system was so objectionable to the water-takers that, in order to prevent the willful waste and still have a constant supply, an automatic contrivance known as the waste-water meter was adopted. This instrument, which is attached to the main, records the time and rate of flow through it, after the manner in which an indicator-diagram records space and pressure. It registers not only the change of velocity induced by the closing of any stop-cock during the night, but the time at which the men began and ceased to work.

The city is divided into 120 waste-water districts, the largest of which contains 4,271 inhabitants, the average being 2,557. The meter is fixed in a central position, and the ordinary intermittent supply of waste having been ascertained, the district is placed under constant service through the meter for from twenty-four to forty-eight hours. The number of residents or takers is then ascertained and stop-cocks attached to the service-pipes of all premises.

The diagrams, both for constant and intermittent service, are worked out and entered upon a suitable book. A corps of night-inspectors are

furnished with copies of said diagrams, and, commencing at 11 p. m., begin their inspection.

They subject each stop-cock on the side-walk to a test, to ascertain if water is passing into the premises. If on applying the key to the stop-cock plug and the ear to the key no sound is heard, the cock is turned until nearly closed, and if water is passing, will then, by reason of its increased velocity, be readily heard.

In this manner, it is claimed, the flow due to a quick dropping can be easily heard, and this is considered evidence of waste on the inner side of the stop-cock. These cases are all minutely reported, and in the morning the reports are turned over to the day-inspectors, who make a most thorough examination of the premises reported for leaks, &c., and, as a rule, it is found that the pipes or fittings are defective and leaky. This system, it is claimed, has been the most successful yet attempted for the prevention of waste in the city of Liverpool, but at a recent meeting of the institution of civil engineers of England the representatives from London, Manchester, Dover, Norwich, Glasgow, and other cities, after a full discussion, failed to unite in agreeing to the system as a proper or safe one. Its annual cost thus far has been about \$150,000, which immense sum the people of a city of 600,000 inhabitants pay to prevent the improper use of water, and then receive only an average of 16.47 gallons per head per day. Of course it would be impossible to adopt such an expensive and complex system in this city; besides, in my judgment, the better method of discovering leaks and waste in private houses is by house to house inspection; and to prevent the waste in business and manufacturing places, hotels, &c., I renew my recommendation of last year, that meters be placed on all premises other than private residences, and that a moderate rental per gallon be charged for the water used.

RECOMMENDATIONS TO PREVENT WASTE.

As a further precaution to prevent waste in private residences, I recommend that more stringent rules than have yet been adopted in regard to the class of fixtures to be used and the persons to whom they are intrusted should be adopted. To secure this end I suggest the following as alike just to the water department, the plumbers, and consumers:

1st. Before any plumber shall perform any service in a building where Potomac water is used, he shall be duly licensed, shall be a citizen of the United States, twenty-one years of age, shall have a permanent place of business in the District of Columbia, shall furnish satisfactory certificates from two licensed plumbers of his practical instruction in the business, shall give a bond for faithful work, shall make no alterations or additions to the fixtures of any premises without notice to or consent of the water department, shall make monthly returns of work done by him calculated to increase or decrease the water-rate of premises and of all work put into newly-erected premises, and the water shall not be turned on until all the fixtures, pipes, &c., have been examined and tested to the satisfaction of the water department.

2d. No class of fixtures shall be in use, or no material or work furnished, except such as is approved by the water department.

3d. Running closets and urinals will not be hereafter introduced, and those already in must be substituted by self-closing fixtures.

4th. Potomac water used in hotels, restaurants, dye-houses, breweries, livery-stables, &c., shall be charged by meter measurement.

GEORGETOWN.

The system of water-supply in Georgetown differs from that of Washington so far as relates to distribution and arrangement. All that part of the city below the level of 100 feet is supplied direct from the 12 and 30 inch mains in Bridge street, and all that portion of the city 100 feet above tide is supplied from the high-service reservoir, corner of High and Road streets, the same being fed from a 10-inch main from the steam force-pump located on Fourth, near High street. This pump is supplied by a 12-inch main connected with the large main in Bridge street. In January last the old pump becoming useless by constant wear, a new one of greater power and capacity was substituted. The new pump is one of Knowles's patent, with the latest improvements attached. It has so far given general satisfaction, both as to capacity, power, and durability. In December a break was found in the high-service reservoir, caused by a leak from an old stop-cock that was attached to the main pipe, and which was carelessly allowed to remain and covered over by the workmen when the reservoir was built, and also a leak from the forcing-main, which, to some extent, undermined the bottom of the reservoir. The water was shut off by order of the engineer in charge of the Washington Aqueduct, and remained off for a period of nine months, during which time we were obliged to pump the water direct into the iron mains, and, to avoid inconvenience to citizens as well as to afford protection to property against fire, the pump was worked continuously, except when it became necessary to clean the boilers and renew fire-brick; but during this period at no time was it necessary to make any repairs to the pump or machinery attached thereto, as it run smoothly from the first and to the entire satisfaction of the department as well as to the engineer in charge.

During the period above referred to the pump run 274 days, 6,578 hours, 394,560 minutes, averaging 34 strokes per minute, at 32 gallons to the stroke, thus lifting 429,281,280 gallons of water.

We now pump daily (12 hours) 875,520 gallons, and run at an average of 38 strokes per minute, lifting 32 gallons each stroke, and, as a matter of record and information, I give a correct description of the pump, as follows:

The dimensions of the engine are: diameter steam-cylinder, 24 inches; diameter of plungers, 18 inches; length of working stroke, $25\frac{3}{4}$ inches; which gives a plunger displacement of 6,425.11 cubic inches, or 27.81 gallons. The style of the pump is direct-acting, the steam-piston and the water-plungers being rigidly connected in a straight line, so that the movement of one part produces a corresponding motion of the other. The pump is in every particular self-contained. The water-end and steam-cylinder, to which all movable parts are attached, are mounted on a heavy cast-iron frame or box-bed, and are securely held in position by large steel bolts. The plungers are connected with heavy wrought-iron guide-rods, running from end to end, and which are secured to cast-iron yokes, forming a part of the plunger-heads. The forward yoke, directly opposite the steam-cylinder, is also connected with the steam-piston rod, and, on motion being given to this part, it is communicated to the plungers, and in the same straight line. The water-valves are of rubber, and 84 in number. They are $3\frac{1}{2}$ inches in diameter by $\frac{1}{2}$ inch thick. The area of opening through each valve-seat for the passage of water is 5.4 inches. The valves are contained in heavy plates. The pump has a 12-inch suction and 10 inch delivery-opening on each side of chest, both of which can be connected up if required. The

plunger on auxiliary valve moves in patent gun-metal casing, being made in two parts, and *one end* of each part being flanged. They are made to slide easily into the chest, and are held in position by the steam-chest bonnets, which bolt up against their respective flanges. The object of this casing is to do away with every possibility of the sticking of the auxiliary valve, and which is accomplished by the varying expansion of the two metals, viz, the valve, which is of iron, and the *valve casing*, made of composition. The weight of the pump is 25,000 pounds.

The pump was tested July 27, 1876, on a run of twenty-four hours, and under the following conditions and results: A log was kept by the engineers in charge, noting the pressure in delivery-main every half-hour, and the remaining position of the *log* being noted once or at the expiration of the hour. Indicator-cards were taken each hour from both ends of the cylinder, and the average horse-power figured therefrom; the steam-valves were properly set, and the steam-piston found to be perfectly tight; the exhaust was free, that line coming very near to atmospheric line, and the compression or cushion brought up to nearly eight pounds at the completion of the stroke. This served to bring the piston to an easy state of rest, and as it was as easily started in the opposite direction, the pump ran smoothly and without any perceptible jar on the delivery-pipes. The steam-pipe leading to steam-cylinder was not covered, and from which there was a slight loss from radiation. The conditions as averaged from the log are as follows: Average steam-pressure in boiler by gauge for the twenty-four hours, 40 pounds; average initial pressure in steam-cylinder by indicator, 35 pounds; average water-pressure on delivery-main, 52.5 pounds; total number of strokes taken by counter, 39,806; consumption of coal in pounds, 4,148.5; temperature of feed-water, 75°; amount delivered by pump in United States gallons, 1,107,004.86; velocity of water through delivery-pipe, 187.9 feet per minute; the average indicated horse-power is 24.72 for the twenty-four hours' running. The theoretical or horse power utilized in delivering this quantity of water against a pressure of 52.5 pounds, through the 10-inch main, is 23.25, which shows the engine to have been in perfect condition, and the friction of the moving parts to have been reduced to a minimum. Taking the above data, the duty will read as follows: 26,880,820 pounds raised one foot high with 100 pounds coal, or 30,015,253 pounds raised one foot high with 112 pounds coal.

The last session of Congress passed the following law in reference to the collections of water-rents in Georgetown:

'Extract from a bill for the support of the government of the District of Columbia for the fiscal year ending June 30, 1877, and for other purposes.]

SEC. 13. That all laws and ordinances now in force in the city of Washington relating to the payment and collections of water-taxes and taxation for water-mains be, and they are hereby, extended to and made operative over all parts of the District of Columbia where water, taken from the United States aqueduct, is used, and said taxes and rents shall be payable and collectible therein in the same manner and at the same rate as in the city of Washington for the year beginning January 1, 1876, and for each subsequent year.

Pursuant to the above, this department assessed six hundred and fifty-four houses for water-rent, amounting to \$5,608.12, of which \$1,903.67 has been collected, leaving a balance of \$704.45 due on the vacant and cut-off houses. The whole number of water-takers in Georgetown are six hundred and sixty-five, classified as follows:

Private houses	453	Shops	20
Restaurants	23	Flour-mills	5
Livery-stables	15	Paper-mills	1

Laundries	2	Express-offices	1
Cemeteries	1	Banks	2
Lumber-yards	1	Colleges	1
Tan-yards	1	Printing-offices	1
Convents	2	Carriage-factories	1
Offices	6	Florists	2
Boat-houses	1	Gas companies	1
Engines	1	Breweries	2
Stores	91	Cider-manufactories	1
Bakeries	5	Dye-houses	1
Hotels	5	Halls	4
Photograph-galleries	2		
Founderies	1	Total	654

EXEMPTS.

Police-stations	1	Corporation	1
Engine-houses	1		
Schools	6	Total	11
Churches	2		

The water-mains in this city were originally laid under an ordinance of the late corporation, approved May 9, 1859, providing for a water-tax. This ordinance was in conformity with the act of Congress, March 3, 1859, both of which are here given :

AN ACT to authorize the corporation of Georgetown, in the District of Columbia, to lay and collect a water-tax, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the mayor, recorder, aldermen, and common council of Georgetown, in the District of Columbia, shall have full power and authority to levy and collect a tax not exceeding sixty cents per front foot on all lots and part of lots within said corporate limits, in front or parallel to which water-mains have been or may hereafter be laid ; or, in their discretion, to appropriate from the corporate funds generally so much money as may be necessary to supply the inhabitants of said town with Potomac water from the aqueduct, mains, or pipes now laid, or to be laid, in the streets of said town by the United States ; and to make all laws and regulations for the proper distribution of the same, subject to the restrictions prescribed by this act and the act approved March 3, 1859, entitled "An act to provide for the care and preservation of the works constructed by the United States for bringing the Potomac water into the cities of Washington and Georgetown for the supply of said water for all Government purposes and for the uses and benefit of the inhabitants of said cities.

And the corporation of Georgetown passed the following ordinance, based on the above act :

SEC. 2. *And be it further ordained,* That the mayor be, and is hereby, authorized, whenever and as the same may be needed in the prosecution of the work, to issue the stock of this corporation, bearing interest at the rate of six per cent. per annum, and redeemable, at the pleasure of this corporation, within ten years, in such sums as may be required, provided the whole amount shall not exceed fifty thousand dollars, for the purpose of introducing water throughout the city.

SEC. 3. *And be it further ordained,* That, to enable this corporation to redeem said stock and pay the interest thereon, and pay other expenses attending the introduction and maintenance of the water establishment, there be, and is hereby, levied a water-tax of sixty cents per foot on every front foot, on each side of every street, lane, or alley through which the water-mains have been or may be laid hereafter ; and that said tax shall be collected by the collector of this corporation, under the laws already passed for the collection of the general tax of this town, as follows : One-fourth annually, commencing the first day of July, 1859, viz : He shall collect fifteen cents of the above tax in that year, fifteen cents in the year 1860, fifteen cents in the year 1861, and fifteen cents in the year 1862 ; and he shall pay over to the clerk of this corporation such sums as he collects, retaining three per cent. as his compensation for collecting the same ; and the clerk shall place said funds, as he receives them, to the credit of the water-fund, and the same are hereby pledged for the payment of the interest and the redemption of the principal of all the stock that shall or may be issued under authority of this ordinance.

In addition to the foregoing, special appropriations were made by the corporation from time to time out of the general fund for the repairs of

mains, erection and repair of fire-plugs and hydrants, and the expense of running the steam-pump that supplies the high service.

During the past few years these expenses have been paid out of the water-fund of Washington City, and necessarily will have to be refunded to same.

I attach herewith a statement in detail of these expenses to date, amounting to—

PIPE-LINE.

The length of water-mains in the District of Columbia is 760,320 feet, or 144 miles. (This does not include the 18 miles under charge of the aqueduct office.) It is in good condition excepting that laid in Road street, Georgetown.

During the past year several leaks and breaks occurred in the mains, most notable of which were several in the 36-inch main, caused by defective calking, all of which were promptly repaired. The main in Road street, Georgetown, is of cement covered with sheet-iron. This main was laid over 16 years ago, and is worn out; it has been repaired several times, and is now almost worthless; a new iron main for this street is a necessity.

ESTIMATES.

In submitting my estimates for the next fiscal year, I desire to call attention to the meager salaries paid the officers of this department, which will not bear comparison with other bureau officers of this District, and are far below the average paid the officers of water departments throughout the United States and Europe. When it is considered that upon them devolve the constant care of over one hundred and fifty miles of mains, nearly one thousand fire-plugs, and the supply to over fourteen thousand premises, I give but a faint idea of their labor. Upon them at all times, both day and night, rests the entire responsibility of the perfect working of this extended system, which not only embraces the ordinary details of office-work, but necessarily calls forth skill and judgment in the discharge of the varied duties connected with the proper government and conduct of a water department.

Estimate of salaries from December, 1876, to June 30, 1877.

No.	Title.	Rate per year.	Time.	Amount.
1	Water-registrar	\$3,000, less 20 per cent., \$2,400	7 months..	\$1,400 00
1	Clerk	1,800, less 20 per cent., 1,440	7 months..	840 00
1	Clerk	1,500, less 20 per cent., 1,200	7 months..	700 00
1	Clerk	1,200, less 20 per cent., 960	7 months..	560 00
Total				2,500 00

Estimate of salaries from July, 1877, to June 30, 1878.

No.	Title.	Rate per year.	Time.	Amount.
1	Water-registrar	\$3,000, less 20 per cent., \$2,400	1 year.....	\$2,400 00
1	Clerk	1,800, less 20 per cent., 1,440	1 year.....	1,440 00
1	Clerk	1,500, less 20 per cent., 1,200	1 year.....	1,200 00
1	Clerk	1,200, less 20 per cent., 960	1 year.....	960 00
Total				6,000 00

Estimate from December 1, 1876, to June 30, 1877	\$2,500 00
Estimate from July 1, 1877, to June 30, 1878	6,000 00
Total	8,500 00

ESTIMATED RECEIPTS.

From December 1, 1876, to June 30, 1877.

Water-rents	\$65,000 00
Water-taxes	25,000 00
Water-taps	1,200 00
Water-permits	1,000 00
	<hr/>
	92,200 00

From July 1, 1877, to June 30, 1878.

Water-rents	\$72,000 00
Water-taxes	30,000 00
Water-taps	3,500 00
Water-permits	2,500 00
	<hr/>
	108,000 00

December 1, 1876, to June 30, 1877	\$92,200 00
July 1, 1877, to June 30, 1878	108,000 00
	<hr/>
	200,200 00

Estimate of contingent expenses of the water department from December 1, 1876, to June 30, 1877.

For the redemption of water-bonds, per act legislative assembly approved July 20, 1871	\$15,000 00
Material	26,000 00
Labor	33,000 00
Miscellaneous expenses and supplies	3,000 00
	<hr/>
	77,000 00

Estimate of contingent expenses of the water department from July 1, 1877, to June 30, 1878.

For the redemption of water-bonds, per act of legislative assembly approved July 20, 1871	\$15,000
Material	40,000
Labor	50,000
Miscellaneous expenses and supplies	3,000
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	108,000

Water-fund.

Statement showing amount of moneys received from all sources by the water-registrar, and how disposed, from November 15, 1875, to November 18, 1876.

To cash balance	\$72 13	By deposits with treasurer District of Columbia	\$97,551 01
To water-tax	29,347 44	By cash balance on hand	62,33
To water-rents	63,041 65		
To water-taps	2,849 00		
To water-permits	2,303 12		
	<hr/>		<hr/>
	97,613 34		97,613 34
Arrearages (water-tax) collected by the collector of taxes			13,956 11
Total			<hr/>
			111,569 45

Expenditures.

Laborers' rolls from December 1, 1875, to November 1, 1876.....	\$50,575 92
Office-rolls from December 1, 1875, to November 1, 1876	7,232 40
Material.....	48,595 26
Tools, repairing tools, iron-work, &c.....	2,000 35
Stationery.....	526 85
Advertising.....	199 41
Freight.....	248 10
Total.....	109,378 29

Georgetown.

High-service pump, &c.....	\$8,535 24
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Property return, water department.

Material.	On hand Novem- ber 15, 1875.	Received since November 15, 1875.	Total to be ac- counted for.	Expended as per report.	Remaining on hand.
Axes.....		4	4		4
Branches, 4-inch.....		4	4	1	3
Branches, 6-inch.....	18	118	136	117	19
Branches, 8-inch.....		8	8	6	2
Branches, 10-inch.....		2	2	2	
Branches, 12-inch.....		1	1	1	
Branches, 2 by 4 inch.....		1	1	1	
Branches, 4 by 4 inch.....	2		2	2	
Branches, 6 by 4 inch.....	6	5	11	6	5
Branches, 12 by 4 inch.....	2	4	6	4	2
Branches, 8 by 6 inch.....		7	7	5	2
Branches, 12 by 8 inch.....		4	4	2	2
Branches, 10 by 10 inch.....		1	1	1	
Branches, 12 by 12 inch.....		2	2	2	
Branches, 1½ by ½ inch.....		1	1	1	
Bends, 4-inch.....		2	2	1	1
Bends, 6-inch.....	23	111	134	87	47
Bends, 8-inch.....		2	2	2	
Bends.....		4	4	4	
Beds.....	1		1	1	
Beds.....	11		11	11	
Bells, brass.....		12	12	12	
Bells, sink.....		3	3	3	
Buckets.....		5	5		5
Boxes, stop-cock.....small.....	20	227	247	239	8
Boxes, stop-cock.....large.....		171	171	171	
Boxes, stop-cock.....tops.....		7	7		7
Boxes, stop-cock, wooden.....large.....	1		1		1
Bricks, paving.....		11,500	11,500	10,500	1,000
Bricks, arch.....		1,000	1,000	1,000	
Bricks, old.....					500
Bushings, ½-inch.....		56	56	56	
Bushings, 1½-inch.....		2	2	2	
Bushings, 1 by ½ inch.....		6	6	8	
Brooms.....		12	12	9	3
Brushes, whitewash.....		1	1	1	
Corn.....bushels.....		54½	54½	54½	
Corn-meal.....do.....		19	19	19	
Cement.....barrels.....	9	10	19	18	1
Cement-troughs.....		1	1	1	
Cool.....	76	580	656	626	30
Crosses-skin.....		1	1	1	
Cotton-waste.....pounds.....		150	150	140	10
Cucumbers.....	1		2	2	
Flats, 4 by 4.....feet.....		2,433	2,433	2,433	
Flats, 6 by 4.....do.....		2,858	2,858	2,658	200
Flats, 6 by 10.....do.....		60	60	60	
Flats, 6 by 12.....do.....		348	348	348	
Flats, 6 by 8.....do.....		469	469	419	50
Flats, 2 by 4 by 6.....do.....		256	256	192	64

Property return, water department—Continued.

Material.	On hand Novem- ber 15, 1875.	Received since November 15, 1875.	Total to be ac- counted for.	Expended as per report.	Remaining on hand.
Culla, 3 by 4 by 14.....do.....		252	252	252	.....
Culla, 3 by 4 by 16.....do.....		320	320	320	.....
Culla, 2 by 4 by 18.....do.....		240	240	240	.....
Chisels, flat.....	13		13	*3	10
Chisels, calking.....	40	25	65	*39	30
Covers, stop-cock.....		6	6		6
Covers, stop-cock, (Dale's).....	281		281	131	150
Cup, leather.....	1	1	2	2	
Extension-tongs.....	1		1		1
Elbows, $\frac{1}{2}$ -inch.....		4	4	4	
Emery-cloth.....sheets.....		17	17	17	
Fire-clay.....barrel.....					
Fire-pots.....	4		4		4
Fittings.....pounds.....		437 $\frac{1}{2}$	437 $\frac{1}{2}$	417 $\frac{1}{2}$	20
Fittings, galvanized.....do.....		28	28	28	
Files, assorted.....		12	12	12	
Flue-scraper.....		1	1	1	
Flue-brush.....		1	1	1	
Felt.....pounds.....		400	400	400	
Fountain.....		1	1	1	
Fire-plugs, (McClelland's).....	5	60	65	64	1
Fire-plug handles.....		27	27	27	
Fire-plug cut-offs.....		20	20	20	
Fire-plug taps.....	5	14	19	9	10
Fire-plug side-valves.....		10	10	3	7
Grindstones.....	1		1		1
Grease, axle.....boxes.....		12	12	5	7
Gum sheets, packing.....pounds.....		21 $\frac{1}{2}$	21 $\frac{1}{2}$	11 $\frac{1}{2}$	10
Globes, glass.....		6	6	2	4
Guides for stop-cocks.....		15	15		15
Gauges.....	6	10	16		16
Gasket.....pounds.....		200	200	200	
Grate-bars.....sets.....					
Hose-sprinklers.....		2	2		2
Hooks.....	1		1	1	
Hooks, gas, $\frac{1}{2}$ -inch.....		4	4	4	
Hydrants, iron.....		4	4	4	
Hydrants, Bartholomew.....		12	12	12	
Hydrant-couplings.....		1	1	1	
Hydrant-tops.....		45	45	10	40
Hydrant-bolts.....		5	5	5	
Hydrant-handles.....		20	20	8	12
Hydrant-traps.....	4		4	4	
Hydrant-nozzles.....		50	50	10	40
Horse-cards.....	1	1	2	*1	1
Halters.....		2	2		2
Hinges.....pairs.....		6	6	6	
Hay, cut.....pounds.....		1,750			
Hay, long.....do.....		11,700			
Hose, $\frac{1}{2}$ -inch.....feet.....	25		25		25
Hose, 1-inch.....do.....		50	50		50
Hose, 2-inch.....do.....	25		25		25
Hose, 3-inch.....do.....	25		25		25
Hose-coupling, 1-inch.....		2	2		2
Hammers, calking.....	6		6		6
Hammers, paving.....	2		2		2
Horses.....	2		2		2
Harness.....	3		3		3
Iron pots.....	2		2		2
Iron, old.....tons.....					20
Knowles's steam-engine.....		1	1		1
Knowles's plunging-pump.....		1	1		1
Keys, hydrant.....		6	6		6
Keys, large and small.....	12		12		12
Lead.....pounds.....	2,900	27,669	30,569	26,827	3,682
Lead, red.....do.....		19	19		19
Lamps, street.....		1	1		1
Ladles, melting.....	5		5		5
Lever, cast-iron.....		1	1		1
Lanterns.....	13	2	15	*2	13
Lime.....barrels.....		3	3		3
Leather, Spanish.....sides.....		3	3		3
Lights.....	2	3	5	5	

* Condemned.

Property return, water department—Continued.

Material.	On hand November 15, 1875.	Received since November 15, 1875.	Total to be accounted for.	Expended as per report.	Remaining on hand.
Middlings..... bushels.		20	20	20	
Meters.....	4		4		4
Monkey-wrenches.....	4		4	2	2
Nails..... kegs.	1		1	1	
Nipples, 1-inch.....		10	10	10	
Nipples, 1-inch.....		64	64	47	17
Nipples, 1-inch.....		445	98	58	40
Nipples, 1-inch.....		113	113	113	
Nipples, 1½-inch.....		8	8	8	
Nipples, 1½-inch.....		6	6	6	
Nipples, 2-inch.....		1	1	1	
Oil, brass.....		1	1		1
Oil, cans.....	3			*2	1
Oil, lard..... gallons.		104	104	94	10
Oil, neatfoot..... do.		1	1	1	
Oil, coal..... do.		102	102	77	25
Oil, machine.....		93	93	68	25
Oats..... bushels.		321	321	321	
Plugs, brass, 1-inch.....		62	62	62	
Plugs, iron, 1-inch.....		166	166	166	
Plugs, iron, 1-inch.....		181	181	181	
Plugs, iron, 1½-inch.....		3	3	3	
Plugs, iron, 1½-inch.....		1	1	1	
Plugs, wooden, 6-inch.....	213	200	413	197	216
Plugs, wooden, 8-inch.....		100	100	100	
Pipe, cast-iron, 4-inch..... feet.	101	821	922	922	
Pipe, cast-iron, 6-inch..... do.	1,700	40,946	41,946	41,946	
Pipe, cast-iron, 8-inch..... do.		6,521	6,521	6,257	264
Pipe, cast-iron, 10-inch..... do.	62½	62½	62½	62½	
Pipe, cast-iron, 12-inch..... do.	1,733	1,733	200	1,533	
Pipe, cast-iron, 30-inch..... do.	60	60	53	7	
Pipe, cast-iron, 36-inch..... do.	672	672	672		
Pipe, wrought-iron, 1-inch..... do.		34	34	34	
Pipe, wrought-iron, 1-inch..... do.		250	250	250	
Pipe, wrought-iron, 1-inch..... do.		1,497	1,497	1,497	
Pipe, galvanized, 1-inch..... do.	450	2,917	3,367	2,990	377
Pipe, galvanized, 1-inch..... do.	210	967	1,177	722	455
Pipe, galvanized, 1½-inch..... do.		120	120	120	
Pipe, lead..... pounds.		1,028		718	310
Pipe, lead, (old)..... do.					100
Pipe, composition..... do.	1,060		1,000	226	714
Pipe, drain-tiles..... lengths.		67	67		67
Picks.....	76	111	187	*86	101
Pick handles.....	100	180	280	*106	174
Packing, rope..... pounds.		104	104	104	
Packing, tuck-square..... do.		49	49	49	
Packing, hemp..... do.		1,344	1,344	1,344	
Packing, paper..... do.		20	20	20	
Plumbers' pumps.....	1		1		1
Plumbers' furnaces.....	3		3	1	2
Pump-ladles.....		2	2	2	
Plumbers' tools..... sets.	2		2		2
Pipe-cutter.....	1		1		1
Rope..... pounds.	75		75		75
Roofing, tin..... squares.		7	7	7	
Rocket.....	1		1	1	
Eeducera, 1-inch.....		14	14	14	
Eeducera, 1-inch.....		10	10	10	
Eeducera, 1½-inch.....		1	1	1	
Eeducera, 2 by 1 inch.....		1	1	1	
Eeducera, 6 by 4 inch.....		11	11	5	6
Register, brass, index.....		1	1		1
Rings, brass.....	20	20	20	20	
Ramblers, cast-iron.....	50	50			50
Straw, rye.....	1,550	1,550	1,550		
Sieves, cast-iron, 4-inch.....	3	7	10	7	3
Sieves, cast-iron, 6-inch.....	12	83	95	81	14
Sieves, cast-iron, 8-inch.....		8	8	6	2
Sieves, cast-iron, 12-inch.....	14		14	14	
Sieves, cast-iron..... plates.	20		20	20	
Sieves, water..... pounds.	317½	231½	149½		82
Sieves, patent.....	5	5			5
Sieves, patent, 4-inch.....	4	4			4
Sieves, patent, 6-inch.....	6	6			6

* Condemned.

Property return, water department—Continued.

Material.	On hand Novem- ber 15, 1875.	Received since November 15, 1875.	Total to be ac- counted for.	Expended as per report.	Remaining on hand.
Sledges.....		2	2		2
Sand..... loads.....		3	3	3	
Soap, castile..... pounds.....		34	34	34	
Sewer-traps.....		1	1	1	
Street-washers.....	34	254	288	250	38
Street-washers, screw, and nuts.....		2	2	2	
Shovels, long handles.....	76	111	187	97	90
Shovels, short handles.....		48	48	26	22
Stem, closet.....		1	1	1	
Sticks.....		2	2	2	
Scales, platform, (1,000 pounds).....		1	1		1
Salt..... bushels.....		2	2	2	
Shower-cocks, $\frac{1}{2}$ -inch.....		2	2	2	
Sponge.....		1	1	1	
Stock and dies.....	1		1		1
Stove.....	1		1		1
Stop-valves, wrought-iron, $\frac{1}{2}$ -inch.....	10	75	85	85	
Stop-valves, wrought-iron, 1-inch.....	2	24	26	*1	
Stop-valves, 6-inch, (2-way).....	2	63	64	57	7
Stop-valves, 6-inch, (4-way).....	8	25	33	25	8
Stop-valves, 4-inch, (4-way).....		2	2	2	
Stop-valves, 4-inch, (2-way).....		2	2	2	
Stop-valves, 8-inch.....		6	6	6	
Stop-valves, 12-inch.....		2	2	2	
Stop-valves, 10-inch, (2-way).....	2		2	2	
Stop-valves, plates, and screws.....		6	6	6	
Stop-valves, 12-inch, (2-way).....	2		2	2	
Stop-valves, screws.....		19	19		19
Screws, 4-inch.....	3		3	3	
Stop-valve boxes, (full length).....		4	4		4
Swivels, brass, $\frac{1}{2}$ -inch.....		8	8	8	
Stuffing-boxes.....		2	2	2	
Sockets, $\frac{1}{2}$ -inch.....		2	2	2	
Taps, brass, $\frac{1}{2}$ -inch.....	113	1,670	1,783	1,693	90
Taps, brass, $\frac{1}{2}$ -inch.....		3	3	3	
Taps, brass, $\frac{1}{2}$ -inch.....	12	376	388	368	20
Taps, brass, 1-inch.....		242	242	222	20
Taps, brass, 1 $\frac{1}{2}$ -inch.....		2	2	2	
Taps, brass, 1 $\frac{1}{2}$ -inch.....		1	1	1	
Tallow..... pounds.....	200	223	423	423	
Tool-boxes.....		4	4		4
Tape-line.....	3		3		3
Tapping-machines.....		114	114	114	
Thimbles, $\frac{1}{2}$ -inch.....		12	12	12	
Thimbles, 1-inch.....		2	2	2	
Tar..... barrels.....		144	144	144	
Unions, M. I., $\frac{1}{2}$ -inch.....		49	49	49	
Unions, M. I., $\frac{1}{2}$ -inch.....		13	13	13	
Unions, M. I., 1 $\frac{1}{2}$ -inch.....		12	12	12	
Valves, globe, $\frac{1}{2}$ -inch.....		4	4	4	
Valves, globe, 6-inch.....		1	1	1	
Valves, globe, 7 $\frac{1}{2}$ -inch.....		1	1	1	
Valves, gum.....		10	10	10	
Valves, stem-rod.....		2	2	2	
Vise.....		2	2		2
Wrenches.....		1	1	1	
Wheelbarrows.....	6		6	*1	5
Wagons.....	4		5	*3	2
Wood..... cords.....		9	9	9	
Wicks, lamp.....	30		30	30	
Wedges, ash.....	12		12	12	
Washers, paper, $\frac{1}{2}$ -inch.....		275	275	275	
Washers, paper, 1-inch.....		100	100	100	
Wheel-cutter, (No. 1).....		1	1	1	
Wheel-cutter holder.....		1	1	1	

* Condemned.

I annex hereto a statement of property received, expended, and remaining on hand, together with estimates, receipts, and expenditures; also map of Washington City, showing location of water-mains, fire-plugs, and stop-valves, corrected to date.

In conclusion, I desire to make honorable mention of the gentlemen who are connected with me in the management of this department. All have discharged their duties faithfully and efficiently, and whatever merit there is in the organization of this department is in a great measure due to their valuable services.

Very respectfully, your obedient servant,

TIMOTHY LUBEY,
Water-Registrar, District of Columbia.

7 C D

VIII.—APPENDIX 2 A.—REPORT

Census of water-takers, number

		Number of									
Number of square.	Boundaries.	Number of houses.	Closets.					General.			
			Spring-valves.	Wheel-valves.	Common valves.	Lavers.	Pans.	Baths.	Basins.	Urinals.	Sinks.
1	I and K, 27th and 28th, n. w.	4									
2	Va. ave. and H, 27th and 28th, n. w. (a)										
3	G and H, 27th and 28th, n. w. (a)										
W. 4	K and L, 26th and 27th, n. w.	11		2		1	4	5			9
N. 4	K and L, 27th and 28th, n. w. (a)										
5	Pa. ave. and L, 26th and 27th, n. w.	6				6					6
6	I and K, 26th and 27th, n. w.	5					4	3			7
7	I and Va. ave., 26th and 27th, n. w.	1									
8	Va. ave. and H and 27th, n. w. (b)										
9	G and H, 26th and 27th, n. w. (b)										
10	F and G, 26th and 27th, n. w. (b)										
11	N. H. ave., 27th, and F, n. w. (a)										
12	N. H. ave., 26th, and L, n. w. (a)										
S. 12	D and E, 26th and 27th, n. w. (a)										
13	D and Water, 26th and 27th, n. w. (a)										
14	M and N, 25th and 26th, n. w. (a)										
W. 14	Pa. ave. and M, 25th and 26th, n. w.	3		1			2	2	2		6
15	Pa. ave. and M, 26th and Rock Creek, n. w.	2		1							1
16	K and L, 25th and 26th, n. w.	17		5		3	1	1	1		1
17	I and K, 25th and 26th, n. w.	6		4			2	2	1		4
S 17	H and I, 25th and 26th, n. w.	5		1			1	1	1		1
18	Va. ave. and H, 25th and 26th, n. w. (a)										
19	Va. and N. H. ave., 26th and G, n. w. (a)										
20	N. H. ave., 25th, F and G, n. w.	4				2	1		1		3
21	25th and 26th, E and F, n. w. (a)										
22	25th and 26th, D and E, n. w. (a)										
23	25th and 26th, D and river, n. w. (a)										
W. 23	25th and 26th, N and river, n. w. (a)										
24	25th, N, and Rock Creek, n. w.	1									2
25	24th and 25th, N. H. ave., H, and I, n. w. (a)										
26	24th and 25th, L and M, n. w.	1									1
27	24th and 25th, Pa. ave. and L, n. w.	10		6		5	4	16	7		18
28	24th and 25th, Pa. ave. and K, n. w.	10		8		3	1	10	4		10
29	24th and 25th, N. H. ave., I, and K, n. w.	11	5	2		1	3	6	3		14
30	24th and 25th, N. H. ave., H, and I, n. w.	2									
31	N. H. ave., 24th, H, and I, n. w.	5									
32	N. H. ave., 24th, H, and G	11		5			2	6			7
33	Va. ave. and 25th, F and G, n. w.	18									2
34	24th and 25th, E and F, n. w.	3									2
35	23d and 24th, N and Rock Creek, n. w. (a)										
36	23d and 24th, M and N, n. w.	9					9	9			9
37	23d and 24th, L and M, n. w.	11		5		3					2
38	23d and 24th, Pa. ave. and L, n. w.	8		3			2	2			4
39	24th, K, and N. H. ave., n. w. (c)										
40	23d, I, and N. H. ave., n. w.	16	2	4		7	3	5			11
41	23d and 24th, H and I, n. w.	26		5		6		1			1
42	23d and 24th, G and H, n. w.	14	2	2		1		4	2		7
43	23d and 24th, F and G, n. w.	11	1	3				4	1		7
44	23d and 24th, E and F, n. w. (a)										
47	22d, P, and Boundary, n. w. (a)										
48	O and P, 22d and Rock Creek, n. w.	1									
49	22d and 23d, N and O, n. w. (a)										
50	22d and 23d, M and N, n. w. (a)										
51	22d and 23d, L and M, n. w.	5	1	2	2			1			1
52	23d, L, and N. H. ave., n. w. (a)										
53	22d, K, and N. H. ave., n. w. (a)										
54	22d and 23d, Pa. ave. and I, n. w.	24	1	4				4	4	1	12
55	22d and 23d, H and I, n. w.	24	4	10		1	2	6			13
56	22d and 23d, G and H, n. w.	10	1	5		2		7	7		9
57	22d and 23d, F and G, n. w.	7					8	7	7		
58	Va. ave. and F and 22d, n. w. (a)										
59	Va. ave. and E and 22d, n. w. (a)										
60	Va. ave. and E and 22d, n. w. (a)										

a No water

b Gas-works.

c Saint Ann's Asylum.

and condition of fixtures.

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Number of square.	Boundaries.	Number of houses.	Number of									
			Closets.						Gen			
			Spring-valves.	Wheel-valves.	Common valves.	Lovers.	Pans.	Baths.		Basins.	Urinals.	Sinks.
61	E and N. Y. ave., 22d and 23d (a)											
62	C and Upper Water, 22d and 23d (a)											
63	Upper and Lower Water, 22d and 23d (a)											
65	R and Boundary, and 21st (a)											
66	Mass. ave., R. Boundary, and 21st (a)											
67	Mass. ave. and P. 22d and 23d (a)											
68	21st and 22d, O and P, n. w. (a)											
69	21st and 22d, N and O, n. w.	3										
70	N. H. ave., 22d, M and N, n. w.	3		3								
71	N. H. ave., 22d and M, n. w. (a)											
72	N. H. ave., 21st and L, n. w.	6		2								
73	21st and 22d, K and L, n. w.	9	5	3				5		5		
74	21st and 22d, Pa. ave. and K, n. w.	17	5	5			4	7	9	6	2	
75	21st and 22d, Pa. ave. and I, n. w.	41	17	19			2	2	21	15	26	
76	20th and 21st, K and L, n. w.	22	1	2	1		9	1	5			
77	21st and 22d, H and I, n. w.	39	7	13			5	18	27	14	1	
78	20th and 21st, I and K, n. w.	22	6	4				20	20	16	43	
79	21st and 22d, G and H, n. w.	30	6	19			1	6	15	8	19	
80	21st and 22d, F and G, n. w.	16	18	1				2	11	5	11	
81	21st and 22d, E and F, n. w.	15		1				2	1	2	4	
82	Va. ave., E and 21st, n. w. (a)											
83	Va. ave., E and 22d, n. w. (a)											
84	N. Y. ave., E and 22d, n. w. (a)											
85	19th and 20th, K and L, n. w.	9									2	
86	19th and 20th, I and K, n. w.	26	1	20			1	6	17	8	1	
E. 87	20th and 21st, C. and Va. ave, n. w. (a)											
87	21st and 22d, N. Y. ave and C, n. w. (a)											
88	Upper Water and C, 21st and 22d (a)											
89	Upper and Lower Water, 21st and 22d (a)											
90	Boundary and S. Conn. ave. and 20th (a)											
91	R and S, 20th and Conn. ave. (a)											
92	R and S, 21st and Conn. ave. (a)											
93	R and Conn. ave, 20th & 21st (a)											
94	Q, Mass., 20th and 21st	7	3	2					4		4	
95	Mass. ave. and P. 20th and 21st (a)											
96	P and Q, 20th and 21st (a)											
97	N and N. H. ave., 20th and 21st (a)											
98	N. H. ave. and N and 21st (a)											
99	N. H. ave. and M and 20th	13		6					2			
100	L and M, 20th and 21st	12	1	1			2	2			5	
101	H and I, 20th and 21st	39	5	2	1		4	10	16	4	1	
102	G and H, 20th and 21st	22	2	1			1	12	11	7	24	
103	F and G, 20th and 21st	18	6					20	20	45	45	
104	E and F, 20th and 21st	9	2					4	3	3	7	
S. 104	E and Va. ave., 20th and 21st (a)											
105	H and I, 18th and 19th	31	5				5	17	20	17	44	
106	I and K, 18th and 19th	27	5	17			2	19	34	27	35	
107	K and L, 18th and 19th	28	5	8			3		11		9	
109	S and T, 19th and 20th (a)											
110	R and S, 19th and 20th (a)											
111	Q and R, Conn. ave. and 19th	3										
112	Q and Conn. ave. and 19th	3	2	1						1	3	
113	Q and Mass. ave., Conn. ave. and 20th.	1						7	4	8	6	
114	N. H. ave. and P. O and 20th.	1	1									
115	N and N. H. ave., and 19th and 20th											
116	M and N, 19th and 20th	17	1	2	1		3		1			
117	L and M, 19th and 20th	16	1	1			2	3	6		7	
118	Pa. ave. and I, 19th and 20th.	17	4	6			3	5	15	10	18	
119	a. ave. and H, 19th and 20th.	25	2	13			7	2	15	10	2	
120	G and H, 19th and 20th	20	2				4	7	8	3	12	
121	19th and 20th, F and G	12	1				2	12	10	8	3	
122	19th and 20th, E and F	14					4	3	5	4	9	
123	N. Y. ave. and E, 19th and 20th	4								1		
124	N. Y. ave. and D, 19th and 20th (a)											
125	Va. ave. and D, 19th and 20th (a)											
126	I and K, 17th and 18th	22	21	6				22	38	34	58	
127	H and I, 17th and 18th	48	25	18				29	53	44	74	

(a) No water.

of water-registrar—Continued.

[illegible]

Number of square.	Boundaries.	Number of									
		Closets.								Gen	
		Number of houses.	Spring valves.	Wheel valves.	Common valves.	Lavers.	Pans.	Baths.	Basins.	Urinals.	Sinks.
128	19th and 20th, B and C (a)										
128	19th and 20th, Va. ave. and C (a)										
129	19th and 20th, A and B (a)										
131	18th and 19th, T and Boundary	2				1		1			1
132	18th and 19th, S and T (a)										
133	18th and 19th, R and S (a)										
134	18th and 19th, Q and R	4				2		2			2
135	19th and Q, N. H. ave. and circle (a)										
136	N. H. ave. and 18th, P and Q (a)										
137	Conn. ave. and 18th, Mass. ave. and N (a)										
138	Conn. ave., 19th, and N	1					5	4	4		7
139	18th and 19th, M and N, and Conn. ave (a)										
140	L and M, 18th and 19th	28	5	16		5	4	10			10
141	G and H, 18th and 19th	26	6			3	9	15	9	2	23
142	F and G, 18th and 19th	18	9	2			13	16	22		27
143	E and F, 18th and 19th	5	1			1	2	3	2		6
144	C and D, 18th and 19th (a)										
145	Va. ave. and C, 18th and 19th (a)										
146	Va. ave. and C and 18th (a)										
147	Va. ave. and B, 18th and 19th (a)										
148	18th and 19th, A and B (a)										
149	V and Boundary and 17th (a)										
150	U and V, 17th and Boundary	10	6	6		1		10			10
151	17th and 18th, W and V (a)										
152	S and T, 17th and 18th	10	3	5		2		10			10
153	18th and N. H. ave., R and S (a)										
154	N. H. ave. and 17th, R and S	6		1			5	6			6
155	17th and Mass. ave., Q and R (a)										
156	17th and 18th, P and Q (a)										
157	Mass. ave. and P, 17th and 18th	11	1	9			1	4			3
158	Mass. ave. and N, 17th and 18th	1		1							1
159	N and R, 1. ave., 17th and 18th	4					9	7	7		20
160	R, 1. ave. and M, 17th and 18th	5		1			2	3	1		5
161	Conn. ave. and L, 17th and 18th	16	4	8		3		8			2
162	Conn. ave. and 17th, L and M, and De Sales st	12					26	14	13		17
163	Conn. ave. and 18th, K and L	34	6	22				14	2		16
164	Conn. ave. and 17th, K and L	25	15				62	58	58		52
165	H and I, 17th and Conn. ave.	14	8	1			22	18	23		42
166	Pa. ave. and H, 17th and 18th	43	17	18		6	8	25	9	1	43
167	Pa. ave. and H, 16th and 17th										
168	Pa. ave. and G, 17th and 18th	29	10	14		2	4	13	14	2	24
169	F and G, 17th and 18th	25	13			3	29	26	42	10	61
170	17th and 18th, N. Y. ave. and F	20	4	3		2	6	9	7		1
171	N. Y. ave. and E, 17th and 18th	5	2			2	2	2	3		4
172	17th and 18th, D and E	2				1	1	1	1		2
173	C and D, 17th and 18th	1					1	1	1		4
S. 173	Va. ave., B and C, 17th and 18th (a)										
174	U and Boundary, 16th and 17th (a)										
175	U and V, 16th and 17th (a)										
176	N. H. ave. and 17th, T and U	1									
177	N. H. ave. and 16th, S and T (a)										
N. 177	16th and N. H. ave., S and T (a)										
178	R and S, 16th and 17th (a)										
179	16th and 17th, Q and R	11		3		3	4	8			10
180	16th and 17th, P and Q	49	9	9		11	9	13	1		29
N. 181	O and P, 16th and 17th	2				1	1	2			3
181	N and O, 16th and 17th	8		1		1					3
182	16th and 17th, M and N, R. I. ave	14	3	1		3	1	1	2		10
183	L and M, 16th and 17th	19	3			2	3	3	2		7
184	K and L, 16th and 17th	15		1		5	4	6	1		6
185	I and K, 16th and 17th	6	2				11	11	16		14
186	Conn. ave. and 16th, H and I	2					5	3	4		10
187	15th and 16th, Pa. ave. and H (b)										
188	N. H. ave. and W, 15th and 16th (a)										
189	N. H. ave. and 15th, U and V (a)										

(a) No water.

(b) Lafayette square.

of water-registrar—Continued.

EXPOS.

Out of repair.

Engines.	Hydrants.	Fountains.	Total number of spigots.	Use.										Closets.				General.					Number of spigots.
				Domestic.	Hotels and restau- rants.	Manufactories.	Stores.	Stables.	Barber-shops.	Brick-yards.	Laundries.	Spring-valves.	Wheel-valves.	Common valves.	Levers.	Pans.	Baths.	Basins.	Sinks.	Hydrants.			
	1		2	2																			
	2		4	4																			
			30	1																			
	12		46	22																			
	6		73	26																			
	1		110	14																			
	3		22	5																			
			34	10																			
			40	10																			
			12	6																			
	5		18	11									1						1				
			1	1																			
			69	4																			
	1		14	5																			
	7		24	16																			
			90	12																			
	19		47	34												1							
			337	25																			
	1		166	14				1															
	12		125	43																			
	5		70	29	3	1	1																
	1		255	25	2			1															
	9		63	20	1																		
	1		16	5				1															
	1		4	2												1							
			12	1																			
	1			1																			
	1		19	11																			
	17		48	49												1							
			4	2																			
	6		3	8																			
	4		16	14			1																
	10		21	19			1																
	14		23	15				1								1							
	1		82	6																			
	1		34	2				1															

Number of square.	Boundaries.	Number of houses.	Number of							
			Closets.					General.		
			Spring valves.	Wheel valves.	Common valves.	Lever.	Pans.	Baths.	Basins.	Urinals.
										Sinks.
190	T and U, 15th and 16th (a)	1								
191	S and T, 15th and 16th (a)	1								
192	R and S, 15th and 16th (a)	1								
193	Corcoran st., through Q and R, 15th and 16th	14	3					2		2
194	P and Q, 15th and 16th	31	4	3			8	11		27
195	O and P, 15th and 16th	9			1		5	6	2	7
196	M and Mass. ave., 15th and 16th	3				1	2	2		2
195	R. I. ave. and O, 15th and 16th (a)	1								
196	Mass. ave. and 15th and W	1								
197	L and M, 15th and 16th	27	2	1	1	2	2	3	1	9
198	K and L, 15th and 16th	33		3		4	8	10	2	16
199	I and K, 15th and 16th	27	3	2	3	3	22	23	39	2
200	16th and Vt. ave., H and I	8		1		1	5	7	6	14
201	15th and 16th, Pa. ave. and H (b)									
202	W and Boundary, 14th and N. H. ave.	4	1				3	3	1	7
203	V and W, 14th and 15th	2	1			1	1	1		7
204	U and V, 14th and 15th	8					8	2		2
205	T and U, 14th and 15th	6								
206	Pierce Place, through S and T, 14th and 15th	87		1		7	58	72	7	73
207	Johnson ave., through R and S, 14th and 15th	53	16	1		10	22	47	7	47
208	Corcoran st., through Q and R, 14th and 15th	67	31	1		13	22	59	54	74
209	Sampson st., through P and Q, 14th and 15th	50	5	2		9	4	11	6	30
210	R. I. ave. and P, 14th and 15th	19	1	1		4	2	7	7	99
211	N and R. I. ave., 14th and 15th	36	2	4		9	7	7	12	12
212	N and Mass. ave., 14th and 15th	32	5			14	29	26	56	23
213	14th and 15th, M and Mass. ave.	8				4	6	3	2	9
214	Vt. ave. and 15th, L and M	27	3			2	14	12	32	27
215	Vt. ave. and 14th, L and M	12	2			7	1	6	1	7
216	Vt. ave. and 15th, K and L	11	4			4	12	6	23	26
217	14th and Vt. ave., K and L	20	2	2		2	49	35	90	74
218	14th and 15th, I and K	40	5	1	7	2	24	25	41	44
219	Vt. ave. and 14th, H and I	14	2			1	12	14	10	24
220	14th and 15th, H and I	23	1			23	16	19	26	57
221	14th and 15th, G and H	19	4	2		36	19	28	3	31
222	N. Y. ave. and H, 14th and 15th	23	26	6		21	23	33	37	37
223	14th and 15th, N. Y. ave. and G	16	17	3		13	14	23	22	22
224	14th and 15th, F and G	23	11	2		24	11	26	1	22
225	Pa. ave. and 14th and 15th and F	10	3	11		2	3	8	2	9
226	Pa. ave. and E, 14th and 15th	24	4	12		1	16	17	15	3
227	D and E, 14th and 15th	28	8	14		1	11	9	1	11
228	Ohio ave. and D, 14th and 15th	17	3	9		5	1	5	2	7
229	Ohio ave. and C, 14th and 15th	4	2	2						4
230	B and C, 14th and 15th	1	1						1	2
231	B and C, 14th and 15th, a. w. (a)									
232	C and D, 14th and 15th, a. w. (a)									
233	D and Water, 14th and 15th, a. w. (a)									
234	W and Boundary, 13th and 14th	18		2			3	1		6
235	V and W, 13th and 14th (a)									
236	U and V, 13th and 14th	28		6			1	4	1	17
237	T and U, 13th and 14th	5					2	1	2	2
238	S and T, 13th and 14th	31	4	8			8	22	8	26
239	Riggs st., through R and S, 13th and 14th	18	23	6		7	18	7		60
240	Q and R, 13th and 14th	38	2	23		2	35	37	66	123
241	P and Q, 13th and 14th	14	1	4			7	7	2	12
242	Vt. ave. and R. I. ave., 14th	13	4	1		6	11	15	22	17
243	R. I. ave. and P and 14th	10		3		1	4	4	4	3
244	Vt. ave. and 13th, N and O	31	6	4		5	10	15	6	32
245	Vt. ave. and 14th and N (c)	1	6							
246	13th and Vt. av., M and N	24	4	2		5	13	12	13	21
247	M and Mass. av., 13th and 14th	4				3	1	1	6	1
248	Mass. ave. and L, 13th, and 14th	50	2	8	1	4	30	32	40	69
249	K and L, 13th and 14th	32	6	3			41	30	54	74
250	I and K, 13th and 14th (d)									
251	H and I, 13th and 14th	47	8	6			24	28	20	41
252	N. Y. ave., H and 14th	5	3	1			2	4	2	6

(a) No water. (b) Lafayette Square. (c) Academy and church. (d) Franklin Square.

of water-registrar—Continued.

In repair.			Out of repair.																		
General.			Use.							Closets.				General.							
Engines.	Hydrants.	Fountains.	Total number of spigots.	Domestic.	Hotels and restaurants.	Manufactories.	Stores.	Stables.	Barber-shops.	Brick-yards.	Laundries.	Spring-valves.	Wheel-valves.	Common valves.	Levers.	Pans.	Baths.	Basins.	Sinks.	Hydrants.	Number of spigots.
	1			14				1													
	4		46	31																	
	1		26	9																	
			4	3																	
	1			1																	
	13		16	22								1				1					
	13		59	33												1					
	4		229	27	1			1								1					
			50		1																
	1		15	4																	
			16	2																	
	6		32	8																	
	4			6																	
	12		192	87		1	3														
	2		130	53								4									1
	30		265	67																	
	6		56	50																	
	14		47	19				1													
	10		60	36				2													
	2		373	32																	
	12		25	2																	
	6		144	27																	
	1		16	12																	
	12		111	11				1													
	1		149	20								1							1		1
	10		207	40															1		1
	1		92	14																	
	10		220	23	1																
	6		131	19	2																
	1		184	23	4																
	1		102	16	4			1													
	2		96	23	3																
	5	3	30	10	3			1													
	2		80	24	1																
	7		49	22																	
	10		20	17																	
	1		7	4																	
				1				1													
	12		10	18																	
	11		21	28																	
	7		7	5																	
	1		87	31	1		1														
	2		145	12																	
	1		332	32																	
	2		36	14																	
	2		90	13																	
	1		12	10																	
			67	31																	
	9		79	24																	
	3		10	4																	
	12	1	262	50																	
	4		329	32	1											1	1		2		2
	15		139	47				2	2			1									
	4		23	5																	

Number of square.	Boundaries.	Number of houses.	Number of									
			Closets.					General.				
			Spring-valves.	Wheel-valves.	Common valves.	Levera.	Pans.	Baths.	Basins.	Urinals.	Sinks.	
232	13th and 14th, N. Y. ave. and H	64	19	10	2	4	33	41	41	12	65	
253	F and G, 13th and 14th st	48	9	8	2	5	24	33	37		47	
254	E and F, 13th and 14th st	59	13	11	1	1	43	37	48	13	63	
255	D and E, 13 $\frac{1}{2}$ and 14th st	10				6					3	
256	D and E, 13th and 13 $\frac{1}{2}$ st	21	3	2	1	3	12	3	2	2	4	
257	Ohio ave. and D, 13 $\frac{1}{2}$ and 14th	12	6			1	1	1			1	
258	C and D, 13 $\frac{1}{2}$ and 14th	14	2	2		3				1	1	
259	B and C, 13 $\frac{1}{2}$ and 14th	3	2						1		3	
260	B and Ohio ave., 13th and 13 $\frac{1}{2}$		3		2				1		2	
261	Agricultural Grounds											
262	do											
263	13 $\frac{1}{2}$ and 14th, B and C, s. w.	36	13			1	1	10	4	1	14	
264	13th and 13 $\frac{1}{2}$, B and C, s. w.	25	7	1				9	6		11	
265	13 $\frac{1}{2}$ and 14th, C and D, s. w.	13	6	1			2	2	2			
266	13th and 13 $\frac{1}{2}$, D and C, s. w.	7	2				1	2	1		3	
267	Md. ave. and D, 13 $\frac{1}{2}$ and 14th, s. w.	1										
268	Md. ave. and D, 13th and 13 $\frac{1}{2}$, s. w.	6	1	3					2		3	
269	13th and 13 $\frac{1}{2}$, E. and Md. ave., s. w. (a)											
270	E and Water, 13th and 13 $\frac{1}{2}$, s. w. (a)											
271	W and Boundary, 12th and 13th, n. w. (a)											
272	W and V, 12th and 13th, n. w. (a)											
273	U and V, 12th and 13th, n. w. (a)											
274	T and U, 12th and 13th, n. w.	30	6			1	11	13			21	
275	S and T, 12th and 13th, n. w.	6									1	
276	R and S, 12th and 13th, n. w.	17	24				12	19	1		25	
277	Q and R, Vt. ave., and 13th, n. w. (a)											
278	Vt. ave. and 12th, R. I. ave. and Q, n. w.	6	6								2	
279	O and P, 12th and 13th, n. w.	18	3			3	9	6	8		16	
280	N and O, 12th and 13th, n. w.	37	4	1	6		22	28	24		54	
281	12th and 13th, M and N, n. w.	38	7	14		4	11	22	12		26	
282	12th and 13th, Mass. ave. and M, n. w.	26	7	12		2	5	12	11		15	
283	12th and 13th, Mass. ave. and L, n. w.	35	5			7	13	16	26		35	
284	12th and 13th, K and L, n. w.	11	2				10	9	2		22	
285	12th and 13th, I and K, n. w.	37	29	5		7	20	23	29	8	57	
286	12th and 13th, N. Y. ave. and I, n. w.	62	6			12	17	30	4		33	
287	12th and 13th, N. Y. ave. and H, n. w.	32	5	2		6	15	15	24		21	
288	12th and 13th, G and H, n. w.	57	13	9		5	19	34	13		41	
289	12th and 13th, F and G, n. w.	45	15	2		6	34	36	36		35	
290	12th and 13th, E and F, n. w.	44	12	2		6	18	41	8		41	
291	12th and 13th, Pa. ave. and E, n. w.	32	20	4		2	3	10	16	5	36	
292	12th and 13th, Pa. ave. and D, n. w.	18	3			8	6	4	15	2	7	
293	12th and 13th, C and D, n. w.	40	10	2		9	2	1	7		7	
294	12th and 13th, C and Ohio ave.	12	4	11		3		1	1		9	
295	12th and 13th, B and Ohio ave.			2							1	
296	12th and 13th, B and C, s. w.	16				2	6	7	7		7	
297	12th and 13th, C and D, s. w.	23		5		5	1				1	
298	12th and 13th, Md. ave. and D, s. w.	10		2								
299	12th and 13th, Md. ave. and E, s. w.	8	1			3		1			3	
300	12th and 13th, E and Water, s. w. (a)											
302	11th and 12th, W and Boundary, (a)											
303	11th and 12th, V and W, n. w. (a)											
304	11th and 12th, U and V, n. w.			5								
305	11th and 12th, T and U, n. w.	5										
306	11th and 12th, S and T, n. w.	27	6	13			8	26			26	
307	Vt. ave. and 12th and S, n. w.	10									2	
308	Vt. ave. and 11th and R, n. w. (a)											
309	11th and 12th, Q and R, n. w.	5		1							2	
310	11th and 12th, R. I. ave., and Q, n. w.	5	2				2	3			3	
311	11th and 12th, P. and R. I. ave., n. w. (a)											
312	11th and 12th, O and P, n. w.	10	10			2		10	9		10	
313	11th and 12th, N and O, n. w.	17	3	2		2	6	8	6		13	
314	11th and 12th, M and N, n. w.	12	4	1		8		11	8		9	
315	11th and 12th, M and Mass. ave.	21	2				15	18	16		22	
316	11th and 12th, K and L	27	8	2		2	12	17	17		17	
317	11th and 12th, I and K	30	4	1		6	4	10	15		15	

(a) No water.

251470.

Out of repair.

[illegible]

Number of square.	Boundaries.	Number of houses.	Number of									
			Closets.					General.				
			Spring-valves.	Wheel-valves.	Common valves.	Levera.	Pans.	Baths.	Basins.	Urinals.	Sinks.	
318	11th and 12th, H and I, and N. Y. ave.	14	5	1			9	12	10			12
319	11th and 12th, G and H	41	20	3		7	20	35	29	2		32
320	11th and 12th, F and G	27	5	4		5	15	14	24			23
321	11th and 12th, E and F	30	14	1			20	17	21			36
322	11th and 12th, Pa. ave. and E	31	15	4		1	21	3	30	12	17	
323	11th and 12th, C and D	21	5	1		1	4	1	9	6	7	
324	11th and 12th, C and Ohio ave.	10	3	7				5	1			
325	11th and 12th, Va. ave. and C. s. w.	12	2			3	3	5				6
326	11th and 12th, C and D. s. w.	20	4	5		3		16	4			16
327	11th and 12th, E and Md. ave., s. w.	16	1			9	2	5				7
328	11th and 12th, E and F. s. w.	11	1			3		3				1
329	11th and 12th, F and Water, s. w. (a)											
330	10th and 11th, W and Boundary, n. w. (a)											
331	10th and 11th, V and W, n. w. (a)											
332	10th and 11th, U and V, n. w. (a)											
333	10th and 11th, T and U, and Vt. ave.	15	7	1			4	4	2			8
334	Vt. ave., 10th and S	6										
335	10th and 11th, R and S	32	3	6		17	1	1	8			24
336	10th, 11th, Q and R, n. w.	25	3	7		10		1				1
337	10th, 11th, R. I. ave., and P, n. w.	8		7								1
338	10th, 11th, O and P, n. w.	31	1	16		1	4	6	1			10
339	10th, 11th, N and O, n. w.	26	1	13		10	21	23	43			76
340	10th, 11th, M and N, n. w.	45	4	3			12	14				17
341	10th, 11th, L and M, n. w.	32	5	9		4	14	19	35			22
342	10th, 11th, K and Mass. ave., n. w.	24	8	5		7	10	16	37			14
343	10th, 11th, I and N. Y. ave., n. w.	17	1	5		5	3	5	5			9
344	10th, 11th, H and I, n. w.	29		17				15	5			12
345	10th, 11th, G and H, n. w.	38		13	13			17	17			22
346	10th, 11th, F and G, n. w.	11	6	3	2		3	7	7			13
347	10th, 11th, E and F, n. w.	35	9	8		13	8	27	30	2		28
348	10th, 11th, D and E, n. w.	34	9	6		4	10	11	24	3		24
349	10th, 11th, Pa. ave., and C, n. w.	13	12		1	1	2	2	8	4		16
350	10th, 11th, La. ave., and C, n. w.	7	2	1		3	1		5			1
351	10th, 11th, Va. ave., and C, s. w.	20	9			1	1	1	10			13
352	10th, 11th, Md. ave., and C, s. w.	12	5			5		6	1			13
353	10th, 11th, D and E, s. w.	24	1	1		8		5	1			10
354	10th, 11th, E and F, s. w.	12				2		2				3
355	10th, 11th, F and G, s. w.	4				2			1			6
356	10th, Water, and G, s. w. (a)											
357	10th, Boundary, and W, n. w. (a)											
358	10th, Boundary, V and W, and Vt. ave., n. w.	23	8	1		1	10	9				16
359	Vt. ave. and 10th, U and V (a)											
360	Vt. ave. and 9th, U and V (a)											
361	Vt. ave. and 9th, T and U	2	2					2				2
362	9th and 10th, S and T (a)											
363	9th and 10th, R and S	16						25	18	18		53
364	R. I. ave., 10th, Q and R	35	11	14				20	35	10		57
365	Columbia st., through R. I. ave., 10th, P, and Q	47	6	46		24	1	54				87
366	Columbia st., through 9th and 10th, O, and P	59	2	5		26	30	47	6			58
367	9th and 10th, N and O	35	11	1		7	6	4	2			13
368	9th and 10th, M and N	49	12	1		8	26	29	55			77
369	9th and 10th, L and M	58	18	13		6	30	41	30			77
370	9th and 10th, Mass. ave. and L	33	6	6	1	6	13	13	3			21
371	Mass. ave., K, and 10th	26	8	3		15	14	16	44			34
372	N. Y. ave., and K and 10th	23	3	1	1	2	10	15	19			21
373	N. Y. ave., and I and 10th	51	17	2	13		30	34	21	1		49
374	H and I, 9th and 10th	57	20	5	5	6	19	40	34	1		58
375	G and H, 9th and 10th (b)	47	27	4		9	40	38	149			99
376	F and G, 9th and 10th	20	11	2	1	2	7	6	23	3		21
377	E and F, 9th and 10th	57	35	13	1	9	32	42	58	12		57
378	D and E, 9th and 10th (c)	81	12	14		11	23	23	35	4		50
379	Pa. ave. and D, 9th and 10th	21	6	9		3	23	5	16	5		27
380	Pa. ave. and C, 9th and 10th	21	6	5		3	16	5	16	5		27
381	La. ave., C, and 10th	25	14	2		5	1	2	7			6
382	La. ave. and B, 9th and 10th	27	8	7	4	4	1	4	19	1		12
383	9th and 10th, Va. ave. and B, s. w.	11	2			4	1	4	3	1		5

(a) No water.

(b) Grant place

4534

[illegible]

* -g through.

(c) Temperance alley through.

Number of square.	Boundaries.	Number of									
		Number of houses.	Closets.			General.					
			Spring-valves.	Wheel-valves.	Common valves.	Lovers.	Pans.	Baths.	Basins.	Urinals.	Sinks.
384	9th and 10th, Va. ave. and C, s. w.	1									
385	9th and 10th, Md. ave. and C, s. w.	9				1		1			2
386	9th and 10th, Md. ave. and D, s. w. (a)										
387	9th and 10th, D and E, s. w.	24	1	1		1	5	2			4
388	9th and 10th, E and F, s. w.	13				1	3	3			
389	9th and 10th, F and G, s. w.	12									
390	9th and 10th, G and H, s. w.	4	2				3	3	2		3
391	9th and 10th, H and Water, s. w. (a)										
393	T and Boundary, 8th and 9th, n. w.	24	3	9			2	6	2		10
394	S and T, 8th and 9th, n. w. (a)										
395	R and S, 8th and 9th, n. w.	26	4	19				8			10
N. 396	8th and 9th, R, I. ave. and R (a)										
396	8th and 9th, R, I. ave. and Q	10	7				7	8			13
397	8th and 9th, P and Q	40	4	27		1	1	3	2		12
398	8th and 9th, O and P	18	3	22			1	10	4		12
399	8th and 9th, N and O	42	4	23		1	6	18	10		22
400	8th and 9th, M and N	59	5	28		4	12	27	10		39
401	8th and 9th, L and M	40	6	5	4	7		17	5		16
402	8th and 9th, K and L	27	17	4		2	3	21	18		25
403	8th and 9th, I and K	38	9	2		3	2	9	2		15
404	8th and 9th, H and I	21	2	6		7	10	14	2		13
405	8th and 9th, G and H	18	5		4	8	11	6		1	11
406	8th and 9th, E and F	33	26	5		5	2	7	9	7	27
407	8th and 9th, D and E	38	7	6		6	8	8	18	5	20
408	8th and 9th, C and D	34	19	4		4	3	15	22	8	17
409	8th and 9th, B and C, s. w.	1	2	1			1	1	4	2	5
410	8th and 9th, C and D, s. w.	12					12	12			12
411	8th and 9th, D and E, s. w.	11									
412	8th and 9th, E and F, s. w.	4					2	1			1
413	8th and 9th, F and G, s. w.	8						2			2
414	8th and 9th, G and H, s. w.	5									
415	8th and 9th, H and I, s. w. (a)										
S. 415	7th and 9th, I and Water, s. w. (a)										
416	7th and 8th, T and Boundary, n. w.	14	5	4		4		5			10
417	7th and 8th, S and T, n. w.	25	5	16				3	1		14
419	7th and 8th, R and S, n. w.	29		14			10	9			9
420	7th and 8th, R, I. ave. and Q, n. w.	19		13			4		9		15
N. 420	7th and 8th, R, I. ave. and R, n. w.	10	1	9				2	2		10
421	7th and 8th, P and Q, n. w.	24	3	2			16	18	2		21
422	7th and 8th, O and P, n. w.	17		4		1	2	8	3		9
423	7th and 8th, N and O, n. w.	26	4	11		8	3	3	2		11
424	7th and 8th, M and N, n. w.	49	6	1		23	8	12	1	1	21
425	7th and 8th, L and M, n. w.	51	1	7		30	3	9	4		1-
426	7th and 8th, K and L, n. w.	30	6	12		10	9	15	6		22
427	7th and 8th, I and K, n. w.	39	10			10	13	13	10	3	24
428	7th and 8th, H and I, n. w.	25	7	15		9	9	18	14	1	23
429	7th and 8th, G and H, n. w.	37	16	6		14	12	20	39	2	32
430	7th and 8th, E and F, n. w. (b)										
431	7th and 8th, D and E, n. w.	30	26	9			10	7	20	11	
432	7th and 8th, C and D, n. w.	22	14	3			8	14	18	12	7
433	7th and 8th, B and C, s. w.	10		2			1	1	1		3
434	7th and 8th, C and D, s. w.	10		2			5	4		1	7
435	7th and 8th, D and E, s. w.	27	2	6			6	1	6	4	10
436	7th and 8th, E and F, s. w.	11	3	5			2		1	1	5
437	7th and 8th, F and G, s. w.	21		3			7	1	2	1	6
438	7th and 8th, G and H, s. w.	14		2			3				2
439	7th and 8th, H and I, s. w. (a)										
S. 439	7th and 8th, I and K, s. w.	1									1
440	T and Boundary, and 7th, n. w.	2									1
441	6th and 7th, S and T, n. w. (c)	20	3	12				2			4
442	6th and 7th, S and R, I. ave., n. w.	39	6	29			3	2	3	1	9
444	6th and 7th, Q and R, I. ave., n. w. (d)	16	2				14		16	8	16
445	6th and 7th, P and Q, n. w.	4	2						1	2	2
446	6th and 7th, O and P, n. w.	16		7			10		17	2	16
447	6th and 7th, N and O, n. w.	67	7	12			7	4	13	3	25
448	6th and 7th, M and N, n. w.	54	9	10			9	14	19	11	29

(a) No water.

(b) Post-Office Department

Water-registrars—Continued.

Structures.

Out of repair.

Location.	General.			Use.							Closets.					General.					
	Hydrants.	Fountains.	Total number of apigots.	Domestic.	Hotels and Restaurants.	Manufactories.	Stores.	Stables.	Barber-shops.	Brick-yards.	Laundries.	Spring-valves.	Wheel-valves.	Common valves.	Lever.	Pans.	Baths.	Basins.	Sinks.	Hydrants.	Number of apigots.
1	1		5	1																	
14			18	24				1	1										1		1
12			10	13			1		1												
12			12	12																	
3			8	3				1													
15			18	24																	
17			18	26									1							1	
1			24	10																	
31			17	40		1	1														
12		1	26	28																2	
26			56	42																	
17			78	59		1	1												1		
26			63	40																	
13			109	27				1	1												
20			28	38			1												1		
9			41	21			2		1												
2			43	16				2													
3			67	11		3	2		1												
12		2	55	30		5	1	3	1	1											
1			71	27		1	1	2	1	1									1		1
			22	1																	
1			48	12				1													
11			11	11																	
3			4	3				1													
10		3	4	8																	
5			5	5																	
5			13	14	2				1												
15			17	24	2		3		1												
20			12	29	1	1			1										1		1
4			24	13			1														
7			14	10			1														
12			60	23			2										1				1
20			28	17			2														
35		1	23	26			20														
43		1	46	49			2														
15		1	41	51			3														
13			58	30			1					1	1								
5			60	39	1		1														
17			83	25			3							1					1		
			134	36	1	1	20		1												
11			77	25	7			1	1												
4			56	15			13														
3		1	4	6	1	1															
3		1	2	9		1		1													
16			24	27	1	1	2									1			1		1
10			11	11	1	1	1		1												
17		3	9	20																	
12			2	14																	
2			2																		
16			4	2																	
33			6	20	1	1						1							1		1
			20	39	2														2		
4			64	16																	
1			6	4	4																
35		1	70	16															2		2
29			52	67	4																
			82	53	3	1	11	4											1		1

Water-registrars—Continued.

(d) Marion street through.

Number of square.	Boundaries.	Number of house.	Number of									
			Closets.					General.				
			Spring-valves.	Wheel-valves.	Common valves.	Lever.	Pans.	Baths.	Basins.	Urinals.	Sinks.	
449	6th and 7th, L and M, n. w.	51	16	7	3	6	13	19	19	2	32	
450	6th and 7th, L and N. Y. ave., n. w.	41	12	11		5	6	8	4	2	2	
451	6th and 7th, K and N. Y. ave., n. w.	52	15	8		4	1	2	2	1	6	
452	6th and 7th, Mass. ave. and I, n. w.	52	17	7			12	21	19	5	42	
453	6th and 7th, H and I, n. w.	60	14	6		16	10	22	26		39	
454	6th and 7th, G and H, n. w.	57	13	25		3	26	44	15		58	
455	6th and 7th, F and G, n. w.	51	26	9	8		34	40	23	7	44	
456	6th and 7th, E and F, n. w.	45	31	14			34	22	71	6	61	
457	6th and 7th, D and E, n. w.	65	16	3	4	26	22	24	22	5	32	
458	6th and 7th, D and La. ave., n. w.	37	10	7	1	13	8	6	24		19	
459	6th and 7th, C and La. ave., n. w.	13	7	3			3	11	10	1	8	
460	6th and 7th, C and Pa. ave., n. w.	12	9	1			2	1	14	4	11	
461	6th and 7th, B and Pa. ave., n. w.	34	24	3	6	7	4	6	22	4	12	
462	6th and 7th, B and Md. ave., s. w.	42	3	6		11	18	21	11		28	
463	6th and 7th, C and Maryland ave., s. w.	7	1	2		2		2			2	
463	6th and 7th, C and Va. ave., s. w.	2	1			2	2	1			3	
464	6th and 7th, D and Va. ave., s. w.	7	2	1			2	3	1	1	5	
465	6th and 7th, D and E, s. w. (d)	44	2	19		9	10	15	6		19	
466	6th and 7th, E and F, s. w.	23	5	5		11		14	3		11	
467	6th and 7th, F and G, s. w.	48	11	2		32	6	32	7		33	
468	6th and 7th, G and H, s. w.	28	1	11		6		7	1		16	
469	6th and 7th, H and I, s. w.	34		15		7		1			5	
470	6th and 7th, I and K, s. w.	1				1			1		1	
471	6th and 7th, K and L, s. w. (b)											
472	6th and 7th, B and M, s. w.	1									1	
473	6th and Water, M and N, s. w. (b)											
475	5th and 6th, S and Boundary, n. w.	14	2			7		1			8	
475	5th and 6th, R. I. ave. and S, n. w.	18	3	15				6			9	
E. 475	5th, N. J. ave., S, and Boundary, n. w.	3									4	
476	5th and 6th, R. I. ave. and R, n. w.	3		3								
477	5th and 6th, Q and R, n. w.	13		7			2	2			2	
478	5th and 6th, P and Q, n. w.	8		3							6	
479	5th and 6th, O and P, n. w.	12	2	7			2	3	2		9	
480	5th and 6th, N and O, n. w.	30	11	3		8	2	2			3	
481	5th and 6th, M and N, n. w.	42	7	2		12	4	12	1		15	
482	5th and 6th, L and M, n. w. (b)											
483	5th and 6th, K and N. Y. ave., n. w.	2					2	5			1	
484	5th and 6th, I, Mass. ave. and K, n. w.	50	9	9		7	9	9	8		22	
485	5th and 6th, H and I, n. w.	12				5					35	
486	5th and 6th, G and H, n. w.	39	5	3	4	21		16	6		26	
487	5th and 6th, F and G, n. w.	25	12			7	1	6	2		10	
488	5th and 6th, E and F, n. w.	22	10	1		13	12	18	27		30	
489	5th and 6th, D and E, n. w.	26	14	4		11	14	14	12	4	22	
490	4th and 6th, La. ave. and C, n. w.	35	12	8	2	4	16	13	13	7	2	
491	4th, C, Penn. ave., and 6th, n. w.	44	21	3	4	6	11	14	20	8	40	
492	Md. ave., C, 4th, and 6th, s. w.	59	4	8		8	7	11			14	
493	C and D, 4th and 6th, s. w. (c)	17				7	2	1			7	
494	6th, 4th, D, and E, s. w.	37	1	2		8			1		6	
495	6th, 4th, E, and F, s. w.	18	1	2		5	3	5			10	
496	6th, 4th, F, and G, s. w.	57	1	13		22		4			10	
497	6th, 4th, G, and H, s. w. (d)	46	9			1	1				8	
498	6th, 4th, H, and I, s. w. (d)	30		3		2	1	2			4	
499	6th, 4th, I, and K, s. w.	8				1						
500	6th, 4th, K, and L, s. w.	9	3			3		4			7	
501	6th, 4th, L, and M, s. w.	7				3						
502	6th, 4th, M, and N, s. w.	10	2	1		1	1	5			8	
503	6th, 4th, N, and O, s. w.	3				1					2	
504	4th, Water, O, and P, s. w.	2				1					1	
507	4th, N. J. ave., R. I. ave., and P, n. w. (h)											
N. 508	5th, N. J. ave., R. I. ave., and S, n. w.	5					1	1			1	
508	5th, N. J. ave., R. I. ave., and R, n. w. (c)	11	1								4	
509	5th, N. J. ave., Q, and R, n. w.											
E. 509	4th, N. J. ave., Q, and R, n. w.	39	7	3	3						12	
510	5th, N. J. ave., P, and Q, n. w.	34	4				11	13			26	
511	5th, N. J. ave., P, and O, n. w.	45	3	1			7	25			34	
512	5th, N. J. ave., N, and O, n. w. (f)	52	6	2	11		5	6				

(a) Sixth-and-a-half street running through.

(b) No water.

(c) B. P. engine house.

of water-registers—Continued.

Areas.		Out of repair.																		
General.		Use.								Closets.				General.						
Engines.		Total number of spigots.	Domestic.	Hotels and restaurants.	Manufactories.	Stores.	Stables.	Barber-shops.	Brick-yards.	Laundries.	Spring-valves.	Wheel-valves.	Common valves.	Levers.	Pans.	Baths.	Basins.	Sinks.	Hydrants.	Number of spigots.
19		69	45	2		9	1					1								1
36		33	47	4		1	1													
24		10	32	1		1		1												
9		105	46	3		6		1												
22		107	56	1		8	2	1												
36		192	58	3	2		2	1								1				
16		133	41	3		5		2												
11		254	28	2		8		1			2	1								
12		153	53	2	2	18	2						4	1	1	1		1		
1		54	10	3		27					1						1			
3		55	9	5		1		1												
6		33	2	4		5		1												
16		58	14	8		12		1				1	1							
4		98	42	1															1	
4		4	7																	
1		11	2		1						1			1						
3		9	6																	
29	2	50	43		1	2														
12		38	23																	
35	11	108	48					1												
16		26	27		1															
31		6	34																	
		2					1													
1		1	1	1																
2		15	14		1															
9		15	18									1								
3		4	3																	
11		4	13																	
2		6	8																	
5		13	12																	
27		6	30			6					1	1								
26		31	42			1														
1		1	1				1													
27		27	48			3					2									
4	1	64	12																	
19		70	39			1					1									
17		30	25								1									
7		132	22																	
4		97	26																	
7		120	29	6		2	2				1	1			2					
8		104	8	2	1	24	1				3		2	2	1				1	1
42		34	59																	
10		11	15	1		1														
30		6	36	1		1														
11		20	11	1		1		1												
46		17	52	1		1		1												
32		14	44	1		1														
26		12	30																	
7																				
5		11	9			4								1						
5			7																	
7		13	10			2					1									
3		2	3																1	
2		1	2																1	
3		3	5																	
7		4	11								1									
19		12	36			2														
14		55	34																	
23		96	44			1														
20		16	49			2						1							2	

(d) One brewery.

(e) No houses.

(f) One public school.

Number of square.	Boundaries.	Number of houses.	Number of									
			Closets.					General.				
			Spring-valves.	Wheel-valves.	Common valves.	Lever.	Pana.	Batha.	Basina.	Urinals.	Sinks.	
513	5th, 4th, M, and N, n. w.	63	10		8		23	21	29		25	
514	4th, 5th, N. Y. ave., and M, n. w.	54		6		8	28	28	18		61	
515	4th, 5th, K, and L, n. w.	71	2	7		14	11	21	3		38	
516	4th, 5th, K, and I, n. w.	85	13	6	10	14	12	35	4		37	
S. 516	4th, 5th, I, and Mass. ave., n. w.	46	4	7	4	2	11	16	9		21	
517	5th, Mass. ave., and H, n. w.	44	2	4		12	2	13	4		15	
518	4th, 5th, G, and H, n. w. (a).	62	9	2	4		7	13	1		28	
519	3d, 4th, R, and Boundary, n. w. (b).											
520	3d, 4th, Q, and R, n. w. (b).											
521	3d, 4th, P, and Q, n. w. (c).											
523	3d, 4th, N. J. ave., N and M.	31	3	1	2		12	12	10		12	
524	3d, 4th, N. Y. ave., and M, n. w.	1									1	
525	3d, 4th, N. Y. ave., and L, n. w.	21		4	8		2	6			7	
526	3d, 4th, K, and L, n. w.	19	1	1		12					1	
527	3d, 4th, I, and K, n. w.	29	4	4		7		8			15	
528	3d, 4th, H, and I, n. w.	27	2			9	3	7	2		11	
529	3d, 4th, H, and Mass. ave., n. w.	36	6	6		17		5	1		7	
530	3d, 4th, F, and G, n. w.	19	3	3		5	4	8	2		12	
531	3d, 4th, E, and F, n. w.	15	3	2			6	8	18		32	
532	3d, 4th, D, and E, n. w.	32	11			5	35	20	20		36	
533	3d, 4th, C, and Ind. ave., n. w.	41	15	7		6	27	35	28		73	
Rea. A.	3d, 4th, Penn. ave., and Mo. ave., n. w. (d).	54	20	9	6	5	14	25	13		46	
Rea. B.	4th, 6th, Penn. ave., and Mo. ave., n. w. (d).	49	13	3		14	15	19	14	4		
Rea. C.	3d, 4th, Me. ave., and Md. ave., s. w.	13		5		3		5	2			
Rea. D.	4th, 6th, Me. and Md. aves., s. w.	39	7	4		14	6	8	9		17	
Rea. 6	A and B, 20th and 21st, n. w. (e).											
Rea. 10	3d, 4th, C, and Penn. ave., n. w. (f).	57	20	8		7	29	31	32	5	52	
Rea. 11	2d, 3d, B, and C, n. w.	28	4	4		10	34	14	14	2	22	
Rea. 12	2d, 3d, B, and Penn. ave., n. w.	31	17	14		3	4	29	8	3	34	
534	3d, 4th, B, and C, s. w.	20		4		8					6	
535	3d, 4th, C, and D, s. w.	34	3	1		9	1	6		1	6	
536	3d, 4th, D, and Va. ave., s. w.	10	3			2		1			2	
537	3d, 4th, Va. ave., and E, s. w.	28	4	3		9					17	
538	3d, 4th, E, and F, s. w. (g).	14		5		8					4	
539	3d, 4th, F, and G, s. w.	9		3								
540	3d, 4th, G, and H, s. w.	7		2		5					1	
541	3d, 4th, H, and I, s. w. (e).											
542	3d, 4th, I, and K, s. w. (e).											
543	3d, 4th, K, and L, s. w.	5		5								
544	3d, 4th, L, and M, s. w.	4										
545	3d, 4th, M, and N, s. w.	16		2		2		3			5	
546	3d, 4th, N, and O, s. w.	1									1	
547	3d, Del. ave., O, and P, s. w. (e).											
551	1st, 3d, Q, and R, n. w. (b).	5				1	1				1	
552	1st, 3d, P, and Q, n. w. (c).											
553	1st, 3d, O, and P, n. w.	7									5	
W. 553	3d, N. J. ave., O, and P, n. w.	4									3	
554	1st, 3d, N, and O, n. w. (c).											
555	1st, 2d, N, and N. Y. ave., n. w. (h).	5				2	1	2			5	
556	3d, N. J. ave., L, and N. Y. ave., n. w. (b).	8		1		4					2	
557	1st, N. J. ave., L, and M, n. w.	9				2		2			3	
558	3d, N. J. ave., K, and L, n. w.	6					2	1			1	
559	1st, N. J. ave., K, and L, n. w.	10	3					2			3	
560	3d, N. J. ave., I, and K, n. w.	9	2			3	4	6	12		7	
561	1st, N. J. ave., I, and K, n. w.	13	4	2		3	4		8		10	
562	2d, 3d, H, and I, n. w.	19	6			8	16	28	22		36	
S. 562	2d, 3d, H, and Mass. ave., n. w.	7	3			2	2	3			5	
563	2d, N. J. ave., H, and Mass. ave., n. w.	20	4	6		6	3	4	6		11	
564	2d, 3d, G, and Mass. ave., n. w.	27	1			13	4	5			2	
565	2d, N. J. ave., G, and Mass. ave., n. w.	18	2	6		1		1			2	
566	2d, 3d, F, and G, n. w.	22		1		4		2			4	
567	2d, N. J. ave., F, and G, n. w.	24	5	4		1	6	8	2		10	
568	2d, 3d, E, and F, n. w.	34	11			4	22	25	25	1	32	
569	1st and 2d, E and F, n. w.	21	12			2	11	16	22		21	
570	2d, 3d, D and E, n. w.	42	16	2		3	31	41	44	1	53	
571	1st and 2d, D and E, n. w.	37	15	4		1	17	23	14		29	

(a) Dye-house.

(b) Greenhouse.

(c) No water.

(d) One dye-house.

of water registrar—Continued.

In use.				Out of repair.																	
General.				Use.								Closets.				General.					
Engines.	Hydrants.	Fountains.	Total number of spigots.	Domestic.	Hotels and restaurants.	Manufactories.	Stores.	Stables.	Barber-shops.	Brick-yards.	Laundries.	Spring-valves.	Wheel-valves.	Common valves.	Lovers.	Pans.	Baths.	Basins.	Sinks.	Hydrants.	Number of spigots.
37	111	40	111	40	3	1	3	1													
42	147	54	147	54																	
46	55	67	55	67	2		3	1													
50	91	83	91	83	2		2														
53	1	66	1	66																	
56	42	44	42	44	1	1															
57	61	5	61	5								2			1						1
1																					
15	58	31	58	31																	
13	1	1	1	1																	
15	14	21	14	21																	
15	1	19	1	19																	
19	39	29	39	29	2				1											2	4
20	25	26	25	26			2														
27	13	33	13	33	1		2													1	
11	20	19	20	19			2														2
2	71	15	71	15																	
5	160	39	160	39																	
13	144	41	144	41			1					4									
24	101	41	101	41	4	3	5	2				1		6		1					3
23	113	27	113	27	4	6	7		2												
11	10	12	10	12	1	1															
22	52	32	52	32	1	4						3	2		1						2
8	210	35	210	35	7		3	1	1			1								1	1
13	56	22	56	22																	
13	75	24	75	24	3	2															
15	7	19	7	19	1								1							1	
29	12	33	12	33	1																
9	3	10	3	10																	
15	19	25	19	25	5	1															1
12	6	13	6	13	1																
2	9		9																	2	
6	7	1	7	1															1		
5	5	2	5	2									2								
4																					
11	8	16	8	16																	
	3	1	3	1																	
2	2	4	2	4																	
	5		5																		
1	4	4	4	4																	
1	9	2	9	2	1			1													
6	2	8	2	8											1						
6	9	9	9	9																	
3	2	6	2	6																	
	9	10	9	10																	
2	49	9	49	9																	
3	43	13	43	13				2													1
3	19	19	19	19																	
5	8	7	8	7																	
14	24	20	24	20																	
19	15	25	15	25		1	2														
14	4	18	4	18	1		1														
17	6	22	6	22																	
13	25	23	25	23	1			1													
2	192	34	192	34								2									2
4	122	21	122	21								3									2
13	253	41	253	41			1										2				3
15	107	37	107	37																	

(e) No houses.

(f) Two private fire-plugs.

(g) One brewery.

(h) Two breweries.

Number of square.	Boundaries.	Number of houses.	Number of									
			Closets.					General.				
			Spring valves.	Wheel-valves.	Common valves.	Levers.	Pans.	Baths.	Basins.	Urinals.	Sinks.	
S.	572 2d and 3d, D and Ind. ave., n. w.	12		2		2	6	9	1		2	2
	572 2d and 3d, C and Ind. ave., n. w.	3	1	1			1	1	2		3	3
	573 1st and 2d, D and Ind. ave., n. w.	16	4	3		3	6	9	8		12	12
	574 1st and 2d, B and Ind. ave., n. w.	25	3	7			21	32	54		38	38
	575 1st and 2d, Pa. ave. and B, n. w.	48	3	28			40	80	89		46	46
	576 1st and 2d, B and Md. ave., s. w.	3						3			3	3
	577 2d and 3d, B and C, s. w. (a).			7								
	578 1st and 2d, B and C, s. w. (a).											
	579 2d and 3d, C and D, s. w. (a).											
	580 1st and 2d, C and D, s. w. (a).											
	581 2d and 3d, D and Va. ave., s. w. (a).											
	582 1st and 2d, D and Va. ave., s. w. (a).	2										
	583 2d and 3d, E and F, s. w.											
	584 1st and 2d, Va. ave. and F, s. w.	4										
	585 2d and 3d, F and G, s. w. (a).											
	586 1st and 2d, F and G, s. w. (a).											
	587 2d and 3d, G and H, s. w. (a).											
	588 2d and Del. ave., G and H, s. w. (a).											
	589 2d and 3d, H and I, s. w. (a).											
	590 2d and Del. ave., H and I, s. w. (a).											
	591 2d and 3d, I and K, s. w. (a).											
	592 2d and 3d, K and L, s. w. (a).											
	593 1st, Del. ave., K, and L, s. w. (a).											
	594 3d, Del. ave., L, and M, s. w. (a).											
	595 1st, Del. ave., L, and M, s. w. (a).											
	596 3d, Del. ave., M, and N, s. w. (a).											
	597 Del. ave., M, and N, s. w. (a).											
	598 1st and 2d, N and O, s. w. (a).											
	599 1st and 2d, O and P, s. w. (a).											
	600 2d and Canal, P and Q, s. w. (a).											
	601 1st and 2d, P and Q, s. w. (a).											
	602 2d and Canal, Q and R, s. w. (a).											
	603 1st and 2d, Q and R, s. w. (a).											
	604 2d and 3d, R and Ga. ave., s. w. (a).											
	605 1st and 2d, S and Ga. ave., s. w. (a).											
	606 2d and 3d, S and T, s. w. (a).											
	607 1st and 2d, S and T, s. w. (a).											
	608 2d and 3d, T and U, s. w. (a).											
	609 1st and 2d, T and U, s. w. (a).											
	610 2d and 3d, U and V, s. w. (a).											
	611 1st and 2d, U and V, s. w. (a).											
	612 2d and 3d, V and W, s. w. (a).											
	613 1st and 2d, V and W, s. w. (a).											
	614 1st, North Capitol, Q, and Boundary, (a).											
	615 1st, North Capitol, P, and Q, n. w. (a).											
	616 1st, North Capitol, O, and P, n. w. (a).											
	617 1st, North Capitol, N, and O, n. w. (b).	2										
	618 1st, N, and N. Y. ave., n. w. (a).											
	619 1st, North Capitol, M, and N. Y. ave., n. w. (a).	1					1	1			1	
	620 1st, North Capitol, L, and M, n. w. (a).											
	621 1st, North Capitol, K, and L, n. w. (a).											
	622 1st, North Capitol, I, and K, n. w.	8	2			4	4	4			8	
	623 1st, North Capitol, H, and I, n. w.	137	42	49		7	83	124	32		106	
W.	623 1st, N. J. ave., H, and I, n. w.	35	12	18			34	35	3		36	
	624 1st, North Capitol, G, and H, n. w.	52	7	6		8		9	1		16	
	625 1st, North Capitol, G, and Mass. ave., n. w.	9						1			3	
	626 N. J. and Mass. ave., and F st. n. w.	19			4						1	
	627 1st, N. J. ave., E, and F, n. w.	3	2	1				2			3	
	628 N. J. ave., North Capitol, G, E, and F, n. w.	50	21	1			20	42	1		4	
	629 N. J. ave., 1st, D, and E, n. w.	27	16	3				9			2	
	630 N. J. ave., North Capitol, E, and D, n. w.	19	7	2		3	4	7	2		13	
	631 N. J. ave., 1st, C, and D, n. w.	4			1	2	2	1			2	
	632 N. J. ave., North Capitol, D, and E, n. w. (c).									10	1	
	633 N. J. ave., 1st, B, and C, n. w.	6	2	4				9			7	
	634 N. J. ave., North Capitol, B, and C, n. w.	21	6	3		1	4	5	9		13	

(a) No water.

(b) Two breweries with meters.

(c) B. & O. R. R. depot.

of the water-registrar—Continued.

[illegible]

Number of square.	Boundaries.	Number of houses.	Number of							
			Closets.					General.		
			Spring valves.	Wheel valves.	Common valves.	Lever.	Pans.	Baths.	Basins.	Urinals.
										Sinks.
B. 635	1st, Del. ave., B. and C. s. w. (a)	...								
B. 635	C. Del. ave., and Canal, s. w. (a)	...								
636	Del. ave., South Capitol, B. and C. s. w. (a)	...								
637	Del. ave., South Capitol, C. and D. s. w. (a)	...								
638	Del. ave., 1st, D. and E. s. w. (a)	...								
639	South Capitol, L. and Canal, s. w. (a)	...								
640	Del. ave., E. and Canal, s. w. (a)	...								
641	Del. ave., South Capitol, E. and Va. ave., s. w.	8					5	6		6
642	Del. ave., 1st, F. and G. s. w. (a)	...								
E. 642	South Capitol, 1st, Va. ave., and E. s. w. (a)	...								
643	Del. ave., 1st, G. and H. s. w. (a)	...								
E. 643	1st, and Canal, G. and H. s. w. (a)	...								
S. 643	1st, 1st, H. and I. s. w. (a)	...								
644	1st, Canal, H. and I. s. w. (a)	...								
645	1st, 1st, I. and H. s. w. (a)	...								
646	South Capitol and Canal, I. and K. s. w. (a)	...								
647	1st and 1st, K. and L. s. w. (a)	...								
648	South Capitol and Canal, K. L. s. w. (a)	...								
649	South Capitol 1st, L. and M. s. w. (a)	...								
N. 650	1st, Canal, and M. s. w. (a)	...								
650	1st and 1st, M. and N. s. w. (b)	...								
651	1st, South Capitol, M. and N. s. w. (b)	...								
652	1st and 1st, N. and O. s. w. (b)	...								
653	1st, South Capitol, N. and O. s. w. (b)	...								
654	1st and 1st, O. and P. s. w. (a)	...								
655	1st and South Capitol, O. and P. s. w. (a)	...								
656	1st and 1st, P. and Q. s. w. (a)	...								
657	1st, South Capitol, P. and Q. s. w. (a)	...								
658	1st and 1st, Q. and Ga. ave., s. w. (a)	...								
660	1st, South Capitol, R. and Ga. ave., s. w. (a)	...								
661	1st and 1st, R. and S. s. w. (a)	...								
662	1st and Water, R. and S. s. w. (a)	...								
663	1st and 1st, S. and T. s. w. (a)	...								
664	1st and Water, S. and T. s. w. (a)	...								
665	1st and 1st, T. and U. s. w. (a)	...								
666	S. Cap. and Water, T. and U. s. w. (a)	...								
667	1st and Water, U. and V. s. w. (a)	...								
S. 667	1st and Water, V. and W. s. w. (a)	...								
668	Boundary, North Capitol and P. n. e. (a)	...								
669	1st and North Capitol, O. and P. n. e. (a)	...								
670	1st and North Capitol, N. Y. ave., and O. n. e. (a)	...								
671	1st and North Capitol, N. Y. ave., and M. n. e. (a)	...								
672	1st and North Capitol, M. and N. n. e. (a)	...								
673	1st and North Capitol, L. and M. n. e. (a)	...								
674	1st and North Capitol, K. and L. n. e. (a)	...								
675	1st and North Capitol, I. and K. n. e.	139	14	8		49	78	137	83	133
676	1st and North Capitol, H. and I. n. e.	14		1						9
677	1st and North Capitol, E. and H. n. e.	21	1							5
678	Del. ave. and Mass. ave., 1st and North Capitol, F. and G. n. e. (b)	...								
680	Del. ave., North Capitol, Mass. ave. and E. n. e.	...								
681	Del. ave., North Capitol, D. and E. n. e. (a)	...								
682	Del. ave. and 1st, D. and E. n. e. (a)	...								
683	Del. ave. and North Capitol, C. and D. n. e. (b)	...								
684	Del. ave. and 1st, C. and D. n. e. (a)	12	3				2	3	1	9
685	Del. ave., North Capitol, D. and C. n. e.	17	9	1	2		7	10	2	14
686	Del. ave. and 1st, B. and C. n. e.	18	1		3		5	7	5	30
689	South Capitol, N. J. ave., B. and C. s. e. (d)	7	2	14			11	12	22	4
690	N. J. ave., 1st, B. and C. s. e.	92	6	1	1		8	13	12	1
691	N. J. ave., South Capitol, C. and D. s. e.	9		3	4		6	7	13	
692	N. J. ave., 1st, D. and C. n. e.	17	10	4	4		4	15	10	19
693	N. J. ave., South Capitol, D. and E. n. e.	13		4	4		4	11	5	16
694	N. J. ave., 1st, D. and N. C. ave., n. e.	8	6		1		1	8	6	8
695	1st and 1st, H. and I. s. e. (a)	...								

(a) No water.

(b) No takers.

(c) One brewery.

(d) United States Coast Survey.

Number of square.	Boundaries.	Number of houses.	Number of								
			Closets.					General.			
			Spring valves.	Wheel-valves.	Common valves.	Lovers.	Pans.	Baths.	Basins.	Urinals.	Sinks.
W. 695	†, South Capitol, H, and I, s. e. (a)										
N. W. 695	South Capitol, H, and Canal, s. e. (a)										
696	1st and †, I and K, s. e. (a)										
N. 697	† and South Capitol, I and K, s. e. (a)										
697	† and South Capitol, K and L, s. e. (a)										
698	† and South Capitol, L and M, s. e. (a)										
N. 699	1st and †, K and L, s. e. (a)										
699	1st and †, L and M, s. e. (a)										
700	†, South Capitol, M and L, s. e. (b)										
701	1st and †, M and N, s. e. (b)										
702	† and South Capitol, N and O, s. e. (b)										
703	1st and †, N and O, s. e. (b)										
704	† and South Capitol, O and P, s. e. (a)										
705	1st and †, O and P, s. e. (a)										
706	† and South Capitol, P and Ga. ave., s. e. (a)										
707	† and 1st, Q and Ga. ave., s. e. (a)										
708	†, South Capitol, Q and R, s. e. (a)										
E. 708	† and 1st, Q and R, s. e. (a)										
710	1st and 2d, N and O, s. e.										
E. 710	2d and Del. ave., N and Boundary, s. e.										
711	1st and 2d, M and N, n. e.										
E. 711	2d and Del. ave. and N, n. e.										
712	1st and 2d, Del. ave., L and M, n. e.										
713	1st and Del. ave., K and L, n. e. (b)										
714	2d and Del. ave., K, n. e. (b)										
715	1st and Del. ave., I and K, n. e.	5									
716	2d and Del. ave., I and K, n. e.	2									
717	1st and Del. ave., H and I, n. e.	1									
718	2d and Del. ave., H and I, n. e. (b)										
719	2d and Del. ave., G and H, n. e.	12									2
720	2d and Del. ave., 1st and F and G, n. e. (a)										
721	2d and 1st, and E and F, Mass. ave., n. e. (a)										
722	Mass. ave., E and 2d, n. e. (a)										
723	1st and 2d, Mass. ave. and B, n. e. (a)										
724	1st and 2d, C and D, n. e.	26	3	3	1		14	15	5		21
725	1st and 2d, B and C, n. e.	41	9	2	4	2	16	26	14		31
726	1st, B, and Md. ave., n. e.	4		1			3	2	7		6
727	2d, A, and Md. ave., n. e.	20	5				25	22	25		32
728	1st and 2d, East Capitol and A, n. e.	26		3			18	15	17	1	23
729	1st and 2d, East Capitol and A, s. e.	26		5	6		16	18	6	1	31
730	2d, Pa. ave., and A, s. e.	11		7	7	1	4	6	2	1	6
731	1st and Pa. ave., and B, s. e.	11	1	5	2		3	2			6
732	1st and 2d, B and C, s. e.	84	18	20	7	2	46	50	36	13	109
733	1st and 2d, C and D, s. e.	26	2	16			16	19	8		62
734	N. C. ave. and D, 1st and 2d, s. e. (a)										
735	N. C. ave. and E, and 2d, s. e. (a)										
736	E and G, 1st and 2d, s. e. (a)										
737	G and I, 1st and 2d, s. e. (a)										
738	I and K, 1st and Water, s. e. (a)										
739	I and K, 2d and Water, s. e. (a)										
740	K and L, 1st and Water, s. e. (a)										
742	L and M, 2d and Water, s. e. (a)										
N. 743	L and M, 1st and Water, s. e. (a)										
743	M and N, 1st and Water, s. e. (a)										
744	N and O, 1st and 2d, s. e. (a)										
S. 744	1st and Water, O and alley, s. e. (a)										
N. 747	Del. ave., 3d and N, n. e. (a)										
747	Del. ave., 3d, M, and N, n. e. (a)										
748	Del. ave., 2d, 3d, L, and M, n. e. (a)										
749	K and L, 2d and 3d, n. e.	2						1			1
750	I and K, 2d and 3d, n. e. (a)										
751	H and I, 2d and 3d, n. e.	3									
752	G and H, 2d and 3d, n. e. (a)	6									
753	F and G, 2d and 3d, n. e. (a)										
754	E and F, 2d and 3d, n. e. (a)										

(a) No water.

1

(b) No takers.

Number of square.	Boundaries.	Number of houses.	Number of							
			Closets.				General.			
			Spring-valves.	Wheel-valves.	Common valves.	Lavers.	Pans.	Baths.	Basins.	Urinals.
755	Mass. ave. and E. 2d and 3d, n. e. (a)	9								
756	C and D, Mass. ave., 2d and 3d, n. e.	9	1			3			1	
757	Md. ave. and C. 2d and 3d, n. e.	25	3	2		1	1	2		4
758	A and B, 2d and 3d, n. e.	7	4			1	2	3		4
759	East Capitol and A. 2d and 3d, n. e.	23	4	1		19	2	11	3	15
760	East Capitol and A. 2d and 3d, s. e.	37	18			1	20	40	23	56
761	A and B, 2d and 3d, s. e.	28	5			19	17	15	24	1
762	Pa. ave. and C. 2d and 3d, s. e.	25	2			7	5	5	8	20
763	C and D, 2d and 3d, s. e.	23						11	3	12
764	D and E, 2d and 3d, s. e. (a)									
765	E and S. C. ave. 2d and 3d, s. e. (a)									
766	Va. ave. and I. 2d and 3d, s. e. (a)									
767	I and K, 2d and 3d, s. e.	1						1		1
768	K and L, 2d and 3d, s. e.	3								2
769	L and M, 2d and 3d, s. e.	2								2
770	M and N, 2d and 3d, s. e.	4								2
771	N and Ga. ave. 2d and 3d, s. e.	4					1	1		
772	3d, Boundary, and N. n. e.	1								
773	3d and 4th, M and N, n. e. (a)									
774	3d and 4th, L and M, n. e. (a)									
775	3d and 4th, K and L, n. e.	3								1
776	3d and 4th, I and K, n. e. (a)									
777	3d and 4th, H and I, n. e.	3								1
778	3d and 4th, G and H, n. e.	9				1		3	1	5
779	F and G, 3d and 4th, n. e. (a)									
780	E and F, 3d and 4th, n. e. (a)									
781	D and E, 3d and 4th, n. e. (a)									
782	Mass. ave. D, and 4th, n. e.	2						1		1
783	Mass. ave. and C. 3d and 4th, n. e.	1	2							
784	Md. ave. and C. 3d and 4th, n. e.	11		2						7
785	A and B, 3d and 4th, n. e.	17	3	2		2	3	3	5	11
786	East Capitol and A. 3d and 4th, n. e.	17	2	3		2	5	6		6
787	East Capitol and A. 3d and 4th, s. e.	28	3			4	12	16	3	18
788	A and B, 3d and 4th, s. e.	15	2			6		5	1	6
789	Pa. ave. and B. 3d and 4th, s. e.	7				4		1	1	2
790	Pa. ave. and C. 3d and 4th, s. e.	14		2		3	8	1	1	1
791	N. C. ave., C. 3d, and 4th, s. e.	15	5	2		4	8	10	3	19
792	N. C. ave. and D. 3d and 4th, s. e.	9	2	1		1				2
793	D and E, 3d and 4th, s. e.	14	5	1		3				3
794	E and S. C. ave., 3d and 4th, s. e. (a)									
795	G and S. C. ave., 3d and 4th, s. e.	3								1
796	G and Va. ave., 3d and 4th, s. e.	3					1	1		2
797	I and Va. ave., 3d and 4th, s. e. (a)	1								1
798	I and K, 3d and 4th, s. e. (a)									
799	K and L, 3d and 4th, s. e.	3					1	1	1	1
800	L and M, 3d and 4th, s. e.	8								5
801	M and N, 3d and 4th, s. e.	1						1		1
802	Ga. ave. and N. 3d and 4th, s. e.	4								2
803	Ga. ave. and Water 3d and 4th, s. e. (a)									
804	M and Boundary, 4th and 5th, n. e. (a)									
805	L and M, 4th and 5th, n. e. (a)									
806	K and L, 4th and 5th, n. e. (a)									
807	I and K, 4th and 5th, n. e. (a)									
808	H and I, 4th and 5th, n. e.	4					1	1		1
809	G and H, 4th and 5th, n. e. (a)									
810	F and G, 4th and 5th, n. e. (a)									
811	E and F, 4th and 5th, n. e.	1						1		1
812	D and E, 4th and 5th, n. e. (a)									
813	Stanton Place, D, 4th and 5th, n. e. (a)									
814	Stanton Place and B, 4th and 5th, n. e.	1	1							
815	A and B, 4th and 5th, n. e. (a)									
816	East Capitol and A. 4th and 5th, n. e.	11				4	3	2	1	2
817	East Capitol and A. 4th and 5th, s. e.	18	2	2		4	7	5	2	10
818	A and B, 4th and 5th, s. e.	10				6	2		6	7
819	B and C, 4th and 5th, s. e.	13	2			3	2	4	3	6

(a) No water



of water-registrar—Continued.

In repairs.				Out of repair.																	
General.				Use.							Closets.			General.							
Engines.	Hydrants.	Fountains.	Total number of spigots.	Domestic.	Hotels and restau- rants.	Manufactories.	Stores.	Stables.	Barber-shops.	Brick-yards.	Laundries.	Spring-valves.	Wheel-valves.	Common valves.	Lever.	Pans.	Baths.	Basins.	Sinks.	Hydrants.	Number of spigots.
2	18		6	8	2		1		1												
3	7		11	25																	
		1	36	7				8													
8	8		316	23				1									1				
6			128	28			2	1					2						1		2
			45	22				1													
			32	22																	
	1		2	1					1												
			2	2																	
			2	2																	
	1		2	5																	
	2		1	4																	
	1			1																	
	3		1	3																	
	2		1	3																	
	1		9	9																	
			2	2																	
	1			1																	
	3		14	11																	
	7		37	17								1									
	10		16	17		1															
	9		62	28				1								1	1				
	5		12	14			2														
	1		5	7				1													
	12		3	14			1									1					
	9		42	15													1				1
	6		4	9																	
	12		3	14																	
	2		1	3																	
	2		8	3																	
			1	1				1													
	2		6	3																	
	4		5	8			1														
			2	1																	
	3		2	4																	
	3	2	4																		
		2	1																		
	1			1																	
	9		8	11																	
	10		43	17	1																
	3		20	10																	
	7		22	13			1								1						

Number of square.	Boundaries.	Number of houses.	Number of							
			Closets.				General.			
			Spring valves.	Wheel valves.	Common valves.	Lovers.	Pans.	Baths.	Basins.	Urinals.
										Sinks.
880	C and D, 4th and 5th, s. e.	6		1		2		1		1
881	D and E, 4th and 5th, s. e.	6				1				
882	E and G, 4th and 5th, s. e.	9		1		3	1	4	1	3
883	Va. ave. and G, 4th and 5th, s. e.	8								
884	I and K, 4th and 5th, s. e. (a)									
885	K and L, 4th and 5th, s. e.	1						1		1
886	L and M, 4th and 5th, s. e.	3	1					1		2
887	M and N, 4th and 5th, s. e. (a)									
888	Ga. ave. and Water, 4th and 5th, s. e. (a)									
889	M and Boundary, 5th and 6th, n. e. (a)	6								1
890	L and M, 5th and 6th, n. e.									
891	K and L, 5th and 6th, n. e. (a)									
892	I and K, 5th and 6th, n. e. (a)									
893	H and I, 5th and 6th, n. e. (a)									
894	G and H, 5th and 6th, n. e.	2								
895	F and G, 5th and 6th, n. e. (a)									
896	E and F, 5th and 6th, n. e. (a)									
897	D and E, 5th and 6th, n. e. (a)									
898	Stanton Place and D, 5th and 6th, n. e. (a)									
899	Stanton Place and B, 5th and 6th, n. e.	3								
900	North A and B, 5th and 6th, n. e. (a)									
901	East Capitol and A, 5th and 6th, n. e.	7	2			3		3	3	5
902	East Capitol and A, 5th and 6th, s. e.	14	1	1		9	2	12	2	12
903	A and B, 5th and 6th, s. e.	19	1	5		5	2	11	5	14
904	B and C, 5th and 6th, s. e.	13	1	4		4		5	4	5
905	C and D, 5th and 6th, s. e.	9	1	2		3	2	4	2	5
906	D and E, 5th and 6th, s. e.	3						3		3
907	E and G, 5th and 6th, s. e.	1							1	
908	G and Va. ave., 5th and 6th, s. e.	16		4		3	2	1		10
909	K and Va. ave., 5th and 6th, s. e.									
910	L and M, 5th and 6th, s. e. (a)	2								1
911	M and Ga. ave., 5th and 6th, s. e. (a)									
912	Water and Ga. ave., 5th and 6th, s. e. (a)									
913	6th, Boundary, and M, n. w. (a)									
914	L and M, 6th and 7th, n. e. (a)									
915	K and L, 6th and 7th, n. e. (a)									
916	I and K, 6th and 7th, n. e. (a)									
917	H and I, 6th and 7th, n. e.	3				1		1		1
918	G and H, 6th and 7th, n. e.	6								1
919	F and G, 6th and 7th, n. e. (a)									
920	E and F, 6th and 7th, n. e. (a)									
921	D and E, Mass. ave., 6th and 7th, n. e. (a)									
922	Md. ave. and D, 6th and 7th, n. e. (a)									
923	Md. ave. and C, 6th and 7th, n. e. (a)									
924	Mass. ave. and C, 6th and 7th, n. e.	5	3							3
925	Mass. ave. and B, 6th and 7th, n. e.	4	1			1		2	1	2
926	A and B, 6th and 7th, n. e.	29	4	4		10	10	12	7	21
927	East Capitol and A, 6th and 7th, n. e.	17	5			7	8	8	7	11
928	East Capitol and A, 6th and 7th, s. e.	23	3		3	5	10	17	9	19
929	A and B, 6th and 7th, s. e.	39	5		1	6	4	3	3	12
930	N. C. ave. and H and 6th, s. e.	9	3		1	1	2	5	3	7
931	N. C. ave. and C and 7th, s. e. (b)									
932	Pa. ave. and C and 7th, s. e.	25	2		1	15	2	4	2	9
933	Pa. ave. and D and 6th, s. e.	45	20	4		5	2	10	3	17
934	S. C. ave. and D, 6th and 7th, s. e.	1				1		1		1
935	S. C. ave. and E, 6th and 7th, s. e.	13		4		1		4		4
936	E and G, 6th and 7th, s. e.	34		3		5	8	11	12	13
937	I and G, 6th and 7th, s. e.	18				5	4	6	1	8
938	I and Va. ave. and 7th, s. e. (a)									
939	K and Va. ave. and 6th, s. e. (a)									
940	K and L, 6th and 7th, s. e.	3						1		3
941	L and M, 6th and 7th, s. e.	1						1		1
942	U. S. navy-yard									
943	do									
944	do									
945	L and Boundary, 7th and 8th, n. e. (a)									

(a) No water.

of water-registrars—Continued.

In repair.				Out of repair.																	
General.				Use.							Closets.				General.						
Engines.	Hydrants.	Fountains.	Total number of spigots.	Domestic.	Hotels and restaurants.	Manufactories.	Stores.	Stables.	Barber-shops.	Brick-yards.	Laundries.	Spring-valves.	Wheel-valves.	Common valves.	Levera.	Pans.	Baths.	Basins.	Sinks.	Hydrants.	Number of spigots.
5			9	6																	
5			13	6																	
5			3	6	1		1														
6	1		1	6																	
1				1																	
2				2				1													
3			13	7																	
11			34	14																1	
3			47	19				1													
4			30	13				1													
5			15	9												1					
1			6	3																	
1			1	1					1												
6			11	16																	
1			1	2																	
2			2	3																	
4			1	6																	
2			3	5																	
3			6	4					1												
7			47	28																	
5			44	17			1														
2			75	23																	
20			25	38												1		1			1
4			94	9																	
14			26	25																	
24			34	45	2	2	1					1									
6			4	1																	
22			10	13																	
12			51	34												1	2				
			22	18																	
1			3	2	1	1	1														
				2	1																

(b) Carroll Market.

Number of square.	Boundaries.	Number of houses.	Number of							
			Closets.				General.			
			Spring-valves.	Wheel-valves.	Common valves.	Lever.	Pans.	Baths.	Basins.	Urinals.
887	K and L, 7th and 8th, n. e. (a)	21	3				21	21	7	21
888	I and K, 7th and 8th, n. e. (a)	8	1	2		1		3	1	2
889	H and I, 7th and 8th, n. e.	4								4
890	G and H, 7th and 8th, n. e.	6	4	1			2	6		6
891	F and G, 7th and 8th, n. e.									
892	E and F, 7th and 8th, n. e.									
893	Md. ave. and E, 7th and 8th, n. e. (a)									
894	Md. ave. and D, 8th, n. e. (a)	9								1
895	C and D, 7th and 8th, n. e.	4	1				1	2	2	2
896	Mass. ave. and C, 7th and 8th, n. e.	4	1							
897	Mass. ave. and A, 7th and 8th, n. e. (a)	4	1							
898	East Capitol and A, 7th and 8th, n. e.	10					7	7	2	3
899	East Capitol and A, 7th and 8th, s. e.	12								7
900	N. C. ave. and A, 7th and 8th, s. e. (a)	12		1		2	6	2	7	6
901	N. C. ave. and C, 7th and 8th, s. e.	14								
902	P. ave. and C, 7th and 8th, s. e. (b)	16	1			7	4	5	1	8
903	S. C. ave. and E, 7th and 8th, s. e.	31	4		3	6	5	8	5	13
904	E and G, 7th and 8th, s. e.	9		1					2	1
905	G and I, 7th and 8th, s. e.	5								2
906	I and Va. ave, 7th and 8th, s. e.	9								
907	L and Va. ave, 7th and 8th, s. e.	5								
908	L and M, 7th and 8th, s. e.					2			1	
909	L and Boundary, 8th and 9th, n. e. (a)									
910	K and L, 8th and 9th, n. e. (a)									
911	I and K, 8th and 9th, n. e. (a)									
912	H and I, 8th and 9th, n. e. (a)	26	1		2	1	24	25	1	3
913	G and H, 8th and 9th, n. e. (a)									25
914	F and G, 8th and 9th, n. e. (a)									
915	E and F, 8th and 9th, n. e. (a)									
916	Md. ave. and E, 8th and 9th, n. e. (a)									
917	Md. ave. and D, 8th and 9th, n. e. (a)	1								
918	C and D, 8th and 9th, n. e.									
919	B and C, 8th and 9th, n. e. (a)									
920	Mass. ave. and B, 8th and 9th, n. e. (a)	11	4	4		6	6	4		10
921	Mass. ave. and A, 8th and 9th, n. e. (a)	12	13			4	10	3		13
922	East Capitol and A, 8th and 9th, n. e.									
923	East Capitol and A, 8th and 9th, s. e.									
924	N. C. ave. and A, 8th and 9th, s. e. (a)	1								1
925	N. C. ave. and B and 9th, s. e.	2					1	1		2
926	B and C, 8th and 9th, s. e.	6					2	2		4
927	C and D, 8th and 9th, s. e.	12		2		3	1	5	2	11
928	P. ave. and E, 8th and 9th, s. e.	16		2			3	4	2	1
929	E and G, 8th and 9th, s. e.	11	1							5
930	G and I, 8th and 9th, s. e. (b)									
931	I and K, 8th and 9th, s. e.	6		1			1	1	4	1
932	Va. ave. and L, 8th and 9th, s. e. (a)									
933	Ga. ave. and L, 8th and 9th, s. e.									
934	K and L, 9th and 10th, n. e. (a)	31	6	2		16	19	1		2
935	I and K, 9th and 10th, n. e.	5				5	5			5
936	G and H, 9th and 10th, n. e.	16		5		2	2	1		7
937	F and G, 9th and 10th, n. e.									
938	E and F, Md. ave., 9th and 10th, n. e. (a)									
939	D and E, Md. ave., 9th and 10th, n. e. (a)									
940	C and D, 9th and 10th, n. e. (a)	3								1
941	B and C, 9th and 10th, n. e.									
942	Mass. ave. and B, 9th and 10th, n. e. (a)	4					1	1		2
943	East Capitol, A, 9th and 10th, n. e.	4								1
944	East Capitol, A, 9th and 10th, s. e.	2								1
945	N. C. ave. and B, 9th and 10th, s. e.	11		2		1	1	2	1	5
946	B and C, 9th and 10th, s. e.	4								4
947	S. C. ave. and C, 9th and 10th, s. e.									
948	S. C. ave. and D, 9th and 10th, s. e. (a)	3					3	3	1	3
949	P. ave. and D, 9th and 10th, s. e.									
950	P. ave. and E, 9th and 10th, s. e. (d)									
951	E and G, 9th and 10th, s. e.	4						1		2

(a) No water.

(b) Public school.

(c) Marine barracks.

(d) Naval hospital.

Number of square.	Boundaries.	Number of houses.	Number of							
			Closets.					General.		
			Spring-valves.	Wheel-valves.	Common valves.	Lever.	Pans.	Baths.	Basins.	Urinals.
950	G and I, 9th and 10th, s. e. (a)									
951	I and K, 9th and 10th, s. e.	5								1
S. 951	K and Va. ave., 9th and 10th, s. e. (a)									
952	Ga. ave. and M, 9th and 10th, s. e.	3								
953	M and N, 9th and 10th, s. e.	1								
954	N and O, 9th and 10th, s. e. (a)									
955	O and Water st., 9th and 10th, s. e. (a)									
956	K and Boundary, 10th and 11th, n. e. (a)									
957	I and K, 10th and 11th, n. e. (a)									
958	H and I, 10th and 11th, n. e.	2								
959	G and H, 10th and 11th, n. e.	5								
960	F and G, 10th and 11th, n. e.	1								
961	Md. ave. and F, 10th and 11th, n. e. (a)									
N. 962	Md. ave. and E and 11th, n. e. (a)									
962	E and F, 10th and 11th, n. e. (a)									
963	C and D, 10th and 11th, n. e. (a)									
964	B and C, 10th and 11th, n. e.	6								1
965	B and Mass. ave., 10th and 11th, n. e. (a)									
966	Mass. ave. and East Capitol, 10th and 11th, n. e. (a)									
967	East Capitol and N. C. ave., 10th and 11th, s. e.	3				1				1
968	N. C. ave. and B, 10th and 11th, s. e.	9	1	1		2		1		4
969	B and C, 10th and 11th, s. e. (a)									
970	S. C. ave. and C, 10th and 11th, s. e. (a)									
971	S. C. and D, 10th and 11th, s. e.	7								3
972	Pa. ave. and D, 10th and 11th, s. e.	10				8		8	8	1
973	E and G, 10th and 11th, s. e.	8						1		1
974	G and I, 10th and 11th, s. e.	5				1		3	1	1
975	I and K, 10th and 11th, s. e.	1								
S. 975	Ga. ave. and K, 10th and 11th s. e. (a)									
976	Va. ave. and M, 10th and 11th, s. e.	2								
977	M and N, 10th and 11th, s. e.	2						1		
978	N and O, 10th and 11th, s. e. (a)									
979	O and Water, 10th and 11th, s. e. (a)									
N. 980	I and K, 11th and 12th, n. e. (a)									
980	K and Boundary, 11th and 12th, n. e. (a)									
981	H and I, 11th and 12th, n. e.	1								1
982	G and H, 11th and 12th, n. e. (a)									
983	F and G, 11th and 12th, n. e. (a)									
984	E and Md. ave., 11th and 12th, n. e. (a)									
985	E and D, 11th and 12th, n. e. (a)									
986	C and D, 11th and 12th, n. e. (a)									
987	B and C, 11th and 12th, n. e. (a)	36						9		22
988	A and B, 11th and 12th, n. e. (a)									
989	A and B, 11th and 12th, s. e.	16				13		16		16
S. 990	B and C, 11th and 12th, s. e. (a)									
990	S. C. ave. and C, 11th and 12th, s. e. (a)									
991	S. C. ave. and D, 11th and 12th, s. e.	3				1				2
992	D and E, 11th and 12th, s. e.	3								
994	Pa. ave. and G, 11th and 12th, s. e.	7				2		3		2
995	G and I, 11th and 12th, s. e.	6				1		2		2
996	I and K, 11th and 12th, s. e.	1								1
997	Ga. ave. and L, 11th and 12th, s. e. (a)									
999	Va. ave. and M, 11th and 12th, s. e.	2		1		1				
1000	M and N, 11th and 12th, s. e.	2								
1001	N and O, 11th and 12th, s. e. (a)									
S. 1001	O and Water, 11th and 12th, s. e. (a)									
1002	I and K, 12th and 13th, n. e.	9					1	1		7
1003	H and I, 12th and 13th, n. e.									
1004	G and H, 12th and 13th, n. e.	1								
1005	Md. ave. and G, 12th and 13th, n. e. (a)									
1006	Md. ave. and F, and 13th, n. e. (a)									
1007	E and F, 12th and 13th, n. e. (a)									
1008	D and E, 12th and 13th, n. e. (a)									
1009	C and D, 12th and 13th, n. e. (a)									
1010	B and C, 12th and 13th, n. e. (a)									

(a) No water.

(b) Park Place running through.

Abstract[illegible]

Number of square.	Boundaries.	Number of houses.	Number of							
			Closets.					General.		
			Spring-valves.	Wheel-valves.	Common valves.	Lovers.	Pans.	Baths.	Basins.	Urinals.
1011	A and B, Tenn. ave. and 12th (a)									
1012	N. C. ave. and Tenn. ave., A and 13th, n. e. (a)									
1013	Mass. ave. and Ky. ave. and 13th, s. e. (a)									
1014	Ky. ave. and 12th, A and B, s. e. (a)									
1015	B and C, 12th and 13th, s. e. (a)									
E. 1015	Ky. ave. and 13th, S. C. ave., s. e. (a)									
S. 1015	S. C. ave. and 6th and 12th, s. e. (a)									
N. 1017	S. C. ave. and 6th and 13th, s. e. (a)									
1017	C and D, 12th and 13th, s. e.	1								
1018	D and E, 12th and 13th, s. e.	1								
1019	Pa. ave. and E, 12th and 13th, s. e.	6						1		
S. 1019	Pa. ave. and G and 12th, s. e. (a)									
1020	G and I, 12th and 13th, s. e.	9						2		1
1021	Ga. ave. and I and 12th, s. e. (a)									
1022	Ga. ave. and K and 13th, s. e. (a)									
1023	K and L, 12th and 13th, s. e. (a)									
1024	L and Va. ave., 12th and 13th, s. e. (a)									
1025	M and N, 12th and 13th, s. e. (a)									
E. 1025	Va. ave. and Water and 13th, s. e. (a)									
S. 1025	N and Water and 12th, s. e. (a)									
N. 1026	I and Boundary and 13th, n. e.									
1026	H and I, 13th and 14th, n. e.	16	4	1				1	1	6
1027	G and H, Md. ave., 13th and 14th, n. e.	6								4
S. 1027	G and Md. ave. and 13th, n. e. (a)									
1028	F and Md. ave., 13th and 14th, n. e. (a)									
1029	E and F, 13th and 14th, n. e. (a)									
1030	D and E, Tenn. ave., 13th and 14th, n. e. (a)									
1031	C and D, Tenn. ave. and 13th, n. e. (a)									2
1032	C and D, Tenn. ave. and 14th, n. e. (a)									
NW. 1033	Tenn. ave. and 13th and C, n. e. (a)									
1033	Tenn. ave. and 14th, B and C, n. e. (a)									
1034	N. C. ave. and B, 13th and 14th, n. e. (a)									
N. 1035	N. C. ave. and A and 14th, n. e. (a)									
1035	East Capitol and A, 13th and 14th, n. e. (a)									
1036	East Capitol and A, 13th and 14th, s. e. (a)									
S. 1036	A and Mass. ave. and 14th, s. e. (a)									
1037	B and Mass. ave., 13th and 14th, s. e. (a)									
1038	Ky. ave. and S. C. ave., B and 14th, s. e. (a)									
1039	Ky. ave. and S. C. ave., C and 14th, s. e. (a)									
S. 1039	Ky. ave., 14th and C, s. e. (a)									
1040	Ky. ave., S. C. ave., 13th and C, s. e. (a)									
1041	Ky. ave. and 13th, B and C, s. e. (a)									
1042	D and E, 13th and 14th, s. e.	2								1
E. 1042	Ky. ave., 14th and E, s. e. (a)									
1043	E and G, 13th and 14th, s. e.	7	1					1		1
1044	Pa. ave. and G and 14th, s. e. (a)									
1045	Pa. ave., Ga. ave. and 13th, s. e. (a)									
1046	Ga. ave. and K, 13th and 14th, s. e. (a)									
1047	K and L, 13th and 14th, s. e. (a)									
1048	L and M, 13th and 14th, s. e. (a)									
S. 1048	M and Va. ave., 14th and Water, s. e. (a)									
N. 1049	H and Boundary and 14th, n. e. (b)	3								5
1049	H and Md. ave., 14th and 15th, n. e.	2								1
1050	Md. ave. and G, 14th and 15th, n. e. (a)									
1051	F and G, 14th and 15th, n. e. (a)									
1052	Tenn. ave., 14th, E and F, n. e. (a)									
N. 1053	Tenn. ave. and 15th, E and F, n. e. (a)									
1053	Tenn. ave., 15th, D and E, n. e. (a)									
1054	C and D, 14th and 15th, n. e. (c)									
1055	B and C, 14th and 15th, n. e. (a)									
1056	N. C. ave., A, 14th, and 15th, n. e. (a)									
1057	A and East Capitol, 14th and 15th, n. e. (a)									
1058	A and East Capitol, 14th and 15th, s. e. (a)									
S. 1059	S. C. ave. and B, Mass. ave. and 14th, s. e. (a)									
1059	A and B, 14th and 15th, s. e. (a)									

(a) No water. (l) Brick-yard, 2.45 horse-power engine. (c) Center street running through; no water.

figures.

Out of repair.

General.		Use.		Closets.		General.	
Hydrants.	1	6					
Fountains.							
Total number of apigots.	1	3					
Domestic.							
Hotels and restau- rants.							
Manufactories.							
Stores.							
Stables.			1				
Barber-shops.							
Brick-yards.				1			
Breweries.							
Laundries.							
Spring-valves.							
Wheel-valves.							
Common valves.							
Levera.							
Pans.							
Baths.							
Basins.							
Sinks.							
Hydrants.							
Number of apigots.							

Number of square.	Boundaries.	Number of houses.	Number of							
			Closets.				General.			
			Spring-valves.	Wheel-valves.	Common valves.	Lovers.	Pans.	Baths.	Basins.	Urinals.
										Sinks.
1060	S. C. ave. and C, 14th and 15th, s. e. (a)									
1061	C and D, 14th and 15th, s. e. (a)									
1062	D and E, Ky. ave. and 15th, s. e. (a)									
S. 1062	Ky. ave., 15th and E, s. e. (a)									
1063	Ky. ave., 14th, E and G, s. e. (a)									
1064	Ga. ave. and G and 14th, s. e. (a)									
N. E. 1065	Ga. ave. and Pa. ave. and 15th, s. e. (a)									
1065	Pa. ave. and K, 14th and 15th, s. e. (a)									
1066	K and L, 14th and 15th, s. e. (a)									
1067	L and M, 14th and 15th, s. e. (a)									
S. 1067	15th, M and Water, s. e. (a)									
1068	N. C. ave. and C and 13th, n. e. (a)									
S. E. 1068	N. C. ave. and B and 16th, s. e. (a)									
1069	A and B, 15th and 16th, n. e. (a)									
1070	A and East Capitol, 15th and 16th, n. e. (a)									
1071	A and East Capitol, 15th and 16th, s. e. (a)									
1072	A and B, 15th and 16th, s. e. (a)									
S. 1072	B and Mass. ave., 15th and 16th, s. e. (a)									
1073	C and Mass. ave., 15th and 16th, s. e. (a)									
1074	C and D, 15th and 16th, s. e. (a)									
1075	D and E, 15th and 16th, s. e. (a)									
1076	Ga. ave. and E, 15th and 16th, s. e. (a)									
1077	Ky. ave. and Pa. ave., 15th and 16th, s. e. (a)									
1078	Pa. ave. and K, 15th and 16th, s. e. (a)									
1079	K and L, 15th and 16th, s. e. (a)									
S. E. 1079	L and Water and circle, s. e. (a)									
1080	15th and Water and L, s. e. (a)									
S. 1080	15th and Water and L, Eastern Branch, s. e. (a)									
1082	N. C. ave. and B, 16th and 17th, n. e. (a)									
1083	A and B, 16th and 17th, n. e. (a)									
1084	East Capitol and A, 16th and 17th, n. e. (a)									
1085	East Capitol and A, 16th and 17th, s. e. (a)									
1086	A and B, 16th and 17th, s. e. (a)									
1087	B and Mass. ave., 16th and 17th, s. e. (a)									
1088	C and Mass. ave., 16th and 17th, s. e. (a)									
1089	C and D, 16th and 17th, s. e. (a)									
1090	D and E, 16th and 17th, s. e.	2								
1091	Ga. ave. and E, 16th and 17th, s. e.	1								
S. 1091	Ga. ave. and G, 16th and 17th, s. e. (a)									
1092	G and H, 16th and 17th, s. e.									
W. 1092	Ky. ave, 16th and G, s. e.									
S. 1092	H and circle, 16th and 17th, s. e.									
1093	B and C, and 17th and 18th, n. e.									
1094	A and B, 17th and 18th, n. e.									
1095	East Capitol and A, 17th and 18th, n. e.									
1096	East Capitol and A, 17th and 18th, s. e.									
1097	A and B, 17th and 18th, s. e.									
1098	B and Mass. ave., 17th and 18th, s. e.									
1100	C and D, 17th and 18th, s. e.									
1102	D and E, 17th and 18th, s. e.									
1107	B and C, 18th and 19th, n. e.									
1108	A and B, 18th and 19th, n. e.									
1109	East Capitol and A, 18th and 19th, n. e.									
1110	East Capitol and A, 18th and 19th, s. e.									
1111	A and B, 18th and 19th, s. e.									
1112	B and C, 18th and 19th, n. e.									
N. E. 1113	C and Mass. ave., 18th and 19th, s. e.									
1113	D and Mass. ave., 18th and 19th, s. e.									
1114	D and Ga. ave., 18th and 19th, s. e.									
S. E. 1114	E and Ga. ave., 18th and 19th, s. e.									
1118	B and C, 19th and 20th, n. e.									
1119	A and B, 19th and 20th, n. e.									
1120	East Capitol and A, 19th and 20th, n. e.									
1121	East Capitol and A, 19th and 20th, s. e.									
1122	A and B, 19th and 20th, s. e.									
1125	B and C, 20th and 21st, n. e.									

(a) No water.

Intake.		Out of repair.	
General.		Use.	Closets.
			General.
Engines.			
Hydrants.			
Fountains.			
Total number of spigots.			
Domestic.			
Hotels and restau- rants.			
Manufactories.			
Stores.			
Stables.			
Barber-shops.			
Brick-yards.			
Breweries.			
Laundries.			
Spring-valves.			
Wheel-valves.			
Common valves.			
Lovers.			
Pans.			
Raths.			
Basins.			
Sinks.			
Hydrants.			
Number of spigots.			

Number of square.	Number of houses.	Number of fixtures.													
		Closets.					Total number of closets.	General.							
		Spring-valves.	Wheel-valves.	Common valves.	Lavers.	Pans.		Baths.	Basins.	Urinals.	Sinks.	Engines.	Hydrants.	Fountains.	Number of apigots.
1, 170	11, 964	2, 437	1, 975	296	1, 225	3, 713	10, 246	5, 543	4, 594	321	9, 190	42	5, 024	70	29, 959

of water-registrar—Continued.

Fixtures.	Use.	Out of repair.	
		Closets.	General.
Engines.			
Hydrants.			
Fountains.			
Number of spigots.			
Domestic.			
Hotels and restaurants.			
Manufactories.			
Stores.			
Stables.			
Barber-shops.			
Brick-yards.			
Laundries.			
Spring-valves.			
Wheel-valves.			
Common valves.			
Lovers.			
Pans.			
Baths.			
Basins.			
Sinks.			
Hydrants.			
Number of spigots.			

CLATION.

Use.	Out of repair.	
	Closets.	General.
Domestic.		
Hotels and restaurants.		
Manufactories.		
Barber-shops.		
Stores.		
Stables.		
Brick-yards.		
Laundries.		
Spring-valves.		
Wheel-valves.		
Common valves.		
Lovers.		
Pans.		
Total number of closets.		
Baths.		
Basins.		
Sinks.		
Hydrants.		
Number of spigots.		
Grand total.		

11 98 88 46 304 134 3 8 92 39 38 43 43 255 19 14 90 37 140 395

VIII. APPENDIX No. 3.—REPORT OF SURVEYOR.

SURVEYOR'S OFFICE, DISTRICT OF COLUMBIA,
Washington, D. C., November 28, 1876.

SIR: I have the honor to forward to you the annual statement of the duties performed by this office, under your especial supervision, from the date of the last annual report to you of November 13, 1875.

SPECIAL ASSESSMENTS.

During the past year thirty-seven streets have been assessed, commencing with Grant street, No. 54, and ending with L street, No. 90, being the last assessment made to date.

Tabular statement marked "A" shows the whole number of streets assessed under the late board of public works, so far as expenditures are concerned, taking up the balances from the last report made to them in 1873, and bringing the same down to and including the last assessment made during the existence of said board.

The expenditures distributed under the heads given, together with the expenditures previously assessed, shows an amount in the total, after deductions and additions, which are errors transferred from one account to another, and drawbacks, of the sum of \$8,196,293.93.

Statement marked "B" shows the whole number of streets assessed under the present District Commissioners, amounting to ninety, and covering the net amount, after deducting drawbacks, of \$5,090,129.76. The amount deducted from the half-intersections of lateral streets are carried to the general fund and property-holders' accounts. The grand total amount covers the expenditures of \$13,438,759.64, from which is deductable the sum of \$152,335.95 on account of drawbacks, leaving the net expenditures of \$13,286,423.69, as shown in the grand total of the tabular statement.

I also transmit a statement of the balances of the books of special assessment, covering all assessments and distributions of the same under the late board of public works; also, a statement of balances of expenditures distributed on assessments made under the District Commissioners.

ALLEYS.

During the past year the following alleys have been assessed on account of the condemnation of land for alley purposes by a marshal's jury, based upon the petition of a majority of the property-holders on the line of the proposed alleys: Alley, square 364; alley, square 1033; alley, square 818; alley, square 579; alley, square 691.

Returns of said assessments were duly made to you for transmission to the proper officer charged with the collection of the same.

SURVEYS AND PLATS.

Under this head, plats have been made for the superintendent of assessments and the assessors of the District; also for other officers of the District government, as requested from time to time. At his request, information has been furnished the attorney for the District bearing upon suits in connection with the District.

The survey of the river-front from Monument lot to the Arsenal grounds was during the year completed, and a map prepared from these surveys, giving the location of the wharf-lots, the owners' names, and dimensions of lots, the object of the same being for the guidance of the District authorities in the settlement of the various conflicting interests involved. This map was transmitted to you on its completion.

I am still, as time will permit, preparing the map, upon a scale of 70 feet to the inch, showing the lines of the Elliott plan of docks and wharves, as approved in 1839 by Martin Van Buren, President of the United States.

A survey was made of the turnpike from Georgetown to Rockville as far as the District line, with a map of the same, prepared in accordance with the request of the United States Senate committee to the honorable Commissioners of the District, and through you to the surveyor.

I am now preparing a book of plats of each square located in Georgetown, D. C., showing the different owners of each lot, or part of lot, as described in their deeds; also, the areas of said lots, which, when completed, will be of great value to the District government, as well as to the property-owners. I have, in consequence of the imperfect and conflicting descriptions in many cases, been compelled to survey the different properties as now built upon before being able to locate them in accordance with the intention of the deeds.

This work will be the basis for the preparation of the numerical book, which will be required for the use of the assessors of the District as well as the superintendent of taxes and water department, and the fixing of the special-improvement taxes.

To prepare this book, I have had and am having transcripts of the deeds made from the records, taken from the office of the recorder of deeds as the work progresses.

The survey of Meridian Hill has been partly extended, and a map of the same laid down as far as I could proceed; and until the proper data is furnished, as asked for in my letter to you of October 11, 1876, it is impossible for me to further proceed in said survey and map.

The old corporation assessment books and sheets are being copied into books lately transmitted for that purpose. This is extremely necessary, as the old records are considerably mutilated by frequent handling, and their preservation is highly important in the shape of copies.

For the collectors of both general and special taxes, I have, from time to time, made subdivisions of lots already assessed for collection, in order to meet the changes of transfers of the same, and regulate the payment of the taxes to the proper holders of the property assessed.

I will again refer to the last clause of my last annual report, wherein I recommended that, in view of the fact of suits arising growing out of the violation of the laws of the District, committed near the boundary-line of the District, and wherein the same becomes a matter of consideration as to jurisdiction, boundary-lines be run, and stones planted at

every quarter of a mile, so that the United States marshal and the police of the city and county may know the limits of their authority.

Number of official letters received and filed, 30; number of official letters written, 420.

Very respectfully,

WM. FORSYTH,
Surveyor U. C.

Lieut. R. L. HOXIE,
Lieutenant Engineers, U. S. A., Chief Engineer, D. C.

**SURVEYOR'S OFFICE, DISTRICT OF COLUMBIA,
Washington, D. C., ———, 187–.**

A.—Statement of balances showing the distribution of expenditures assessed under the late board of public works, to and including the last assessment made under said board.

	Dr.	Cr.
The board of public works.....		\$8, 199, 764 03
General fund.....	\$4, 009, 538 99	
Property-holders.....	2, 320, 264 55	
The United States.....	1, 634, 191 05	
Railroads, (street).....	45, 978 70	
District of Columbia.....	28, 084 60	
Drawbacks.....	3, 470 10	
Lateral streets, half-intersections.....	158, 236 04	
	8, 199, 764 03	8, 199, 764 03

**SURVEYOR'S OFFICE, DISTRICT OF COLUMBIA,
Washington, D. C., ———, 187–.**

B.—Statement of balances showing the distribution of expenditures assessed under the Commissioners of the District of Columbia, to and including the last assessment made to date.

	Dr.	Cr.
The board of audit and District Commissioners.....		\$5, 238, 995 61
General fund.....	\$2, 834, 108 96	
Property-holders.....	1, 344, 098 16	
The United States.....	771, 879 49	
Drawbacks.....	148, 865 85	
Half intersections, lateral streets.....	140, 043, 15	
	5, 238, 995 61	5, 238, 995 61

NOTE.—Property-holders' account includes water and sewer service and less drawbacks.

APPENDIX No. 3 A.—REPORT OF SURVEYOR.

A.—Statement of assessments made under the board of public works from the date of the last report, October 31, 1873, to February 28, 1874; includes last assessment made under said board.

Street.	From—	To—	General fund.	Property-hold-ers.	Lateral water service.	Lateral sewer service.	Charged to in-tersecting streets.
Balance from last report, Oct. 31, 1873.			\$2,977,950 98	\$1,876,615 98	\$38,817 59	\$18,029 64	\$143,741 55
Nineteenth street west.....	New York avenue.....	Boundary street.....	115,759 07	27,876 53	1,094 38	399 48	9,915 08
New Green avenue.....	E street south.....	E street south.....	46,418 46	27,999 93	.....	.....	8,819 90
Eighteenth street west.....	E street north.....	E street north.....	93,249 05	42,460 98	1,744 90	917 27	2,073 90
Twentieth street west.....	do.....	E street north.....	92,845 24	46,191 47	3,889 33	541 63	4,915 50
Water street, Georgetown.....	Rock Creek.....	High street.....	29,773 54	14,930 17	.....	.....	4,915 50
I street north.....	New Jersey avenue.....	Twelfth street west.....	191,732 54	93,886 98	4,297 79	2,863 63	1,427 30
II street north.....	Tenth street west.....	Twelfth street west.....	.....	93,894 27	.....	.....	.....
III street south.....	Sixth street west.....	Fourteenth street west.....	.....	17,728 79	.....	.....	.....
Second street, Georgetown.....	Payette street.....	High street.....	97,717 71	13,483 85	1,017 02	107 48	555 00
West street, Georgetown.....	High street.....	Rock Creek.....	69,547 57	34,823 78	897 56	706 63	629 30
Gay street, Georgetown.....	Washington street.....	High street.....	20,647 46	10,323 72	.....	.....	.....
B street north.....	Seventh street west.....	Tenth street west.....	.....	8,716 17	.....	.....	.....
A street north.....	Green street.....	Rock Creek.....	.....	2,932 67	.....	.....	.....
Quakertown street, Georgetown.....	Twelfth street west.....	Effingham street west.....	.....	2,884 06	.....	.....	.....
Bridge street, Georgetown.....	Market street.....	Rock Creek.....	78,720 02	38,683 04	.....	.....	2,877 00
I street south.....	New Jersey avenue.....	Second street east.....	19,365 95	9,683 07	418 69	.....	.....
High street, Georgetown.....	Chesapeake and Ohio Canal.....	Rock street.....	51,277 75	23,938 36	631 79	.....	1,043 00
Monterey street, Georgetown.....	Bridge street.....	Stoddard street.....	23,770 71	11,633 38	1,174 14	.....	2,410 23
Eight street west.....	Rock street.....	Rhode Island avenue.....	23,770 71	11,633 38	.....	.....	596 30
I twenty-third street west.....	Pennsylvania avenue circle.....	M street north.....	10,136 77	5,078 38	.....	.....	763 00
do.....	Virginia avenue.....	Pennsylvania avenue circle.....	22,947 45	11,473 72	.....	.....	.....
Cancelled.....	.....	.....	.....	.....	.....	.....	.....
Tenth street west.....	I street north.....	N street north.....	22,820 10	16,410 04	1,801 73	2,421 19	.....
Ninth street west.....	N street north.....	Boundary street.....	73,228 82	36,613 46	.....	.....	10,698 08
Fourteenth street west.....	N street north.....	do.....	9,850 33	4,975 16	8,653 00	.....	.....
New York avenue.....	Ninth street north.....	Fifteenth street west.....	.....	.....	1,304 18	897 03	.....
Vermont avenue.....	I street north.....	M street circle.....	.....	.....	1,608 37	.....	.....
Fourteenth street west.....	Lot 1, square 202.....	.....	.....	179 87	.....	.....	.....
Total.....			4,009,504 86	2,325,072 72	66,960 54	36,783 98	183,659 44
Add errors transferred from one account to another.....			34 13	678 36	.....	960 83	.....
Deduct errors, drawbacks, and half intersections of streets.....			4,009,538 99	2,325,751 10	66,994 67	37,744 81	183,659 44
Grand total.....			1,009,538 99	6,008 52	23,323 91	34,430 90	152,330 04

A. -- Statement of assessments made under the board of public works, &c. -- Continued.

Rate per front foot.

Street.

Street.	Charged to railroads	Charged to the United States	Charged to the District of Columbia	Total amount	Front feet	Rate per front foot.
Balance from last report, October 31, 1873	\$45,978 70	\$1,318,704 24	\$6,130 65	\$6,995,909 65	91,608 61	
Nineteenth street west		16,020 40		200,867 84	10,142 3	Carrige-way, \$ 80.560; main sewer, \$0 83.573.
New Jersey avenue				70,257 60	2,650 1	Carrige-way, \$ 27.124.
Eighteenth street west		9,337 30		163,698 25	2,615 6	Carrige-way, \$ 53.214.
Twentieth street west		13,504 85		136,333 43	7,817 04	Carrige-way, \$ 15.069; main sewer, \$1 03.548.
Water street, Georgetown				46,863 01	2,270 11	Carrige-way, \$ 52.
L street north		31,905 15		316,092 57	15,428	Carrige-way, \$ 60.4; main sewer, \$1 00.796.
B street north		86,664 00		21,283 87	401 4	Carrige-way, \$10 06.077.
Second street, Georgetown				106,420 79	2,147 54	Carrige-way, \$ 25.95.
B street north				43,221 13	2,511 3	Carrige-way, \$ 51.671.
West street, Georgetown				106,604 64	6,892 54	Carrige-way, \$4 56.454.
Gay street, Georgetown				30,971 16	1,940 7	Carrige-way, \$4 69.214.
A street north		46,702 54		55,418 71	920	Carrige-way, \$ 80.49.
A street north, Georgetown		2,337 50		18,633 32	363	Carrige-way, \$ 7 35.
Bridge street, Georgetown		46,702 55	13,413 35	55,467 21	1,182 9	Carrige-way, \$ 7 35.96.
B street south		35,795 57	8,540 60	130,012 72	4,425	Carrige-way, \$ 90.84.
High street, Georgetown		6,287 16		65,963 19	1,357 51	Carrige-way, \$ 7 13.90.
Montgomery street, Georgetown				84,878 56	5,594 8	Carrige-way, \$ 3 57.261.
Eligth street west				28,654 56	2,250 21	Carrige-way, \$ 5 78.321.
Twenty-third street west				35,504 60	1,482 24	Carrige-way, \$ 3 60.363; main sewer, \$1 17.153.
.....do.				15,235 15	1,144 2	Carrige-way, \$ 6 32.536.
.....do.				35,184 17	2,497 2	Carrige-way, \$ 3 96.039; main sewer, \$1 70.2.
.....do.				53,433 06	4,142 41	Carrige-way, \$4 59.409.
Tenth street west		7,116 00		127,654 46	6,265	Sidewalk and curb, \$ 3 51.033; main sewer, \$1 25.3.
Ninth street west				23,578 49	7,109 6	Sidewalk and curb, \$ 5 84.4.
Fourteenth street west				2,201 21		Sidewalk, \$ 0 70.
New York avenue				608 37		
Vermont avenue				179 87	30	
Fourteenth street west						
Total	45,978 70	1,631,686 76	26,064 60	8,227,031 60		
Add errors transferred from one account to another		2,504 29		4,211 76		
Deduct errors, drawbacks, and half intersec- tions of streets	45,978 70	1,634,191 05	26,064 60	8,231,343 36		
Grand total	45,978 70	1,634,191 05	26,064 60	34,949 43		
				8,196,293 93	180,503	

B.—Statement of special assessments made under the District Commissioners from October 9, 1874, to November 30, 1876, date of last assessment made.

Number.	Street.	From —	To—	General fund.	Property holders.	Lateral water service, prop. erty holders.	Lateral sewer service, prop. erty holders.	Charged to inter-secuting streets.	Railroads.
1	C street north.	Second street west.	Fourth-and-a-half street west.	\$20,011 12	\$10,005 56	\$258 00			
2	I street north.	Thirteenth street west.	Fifteenth street west.	19,658 48	9,829 23	347 92			
3	Riggs street.	do.	Fourteenth street west.	3,004 40	1,592 20				
4	Fourth street west.	F street north.	H street north.	18,900 18	9,100 10	136 70		\$774 40	
5	N street north.	Fifth street west.	Sixteenth street west.	90,742 39	45,371 14	2,652 54	\$432 16	504 00	
6	Eleventh street east.	Pennsylvania avenue.	Potomac River.	33,882 50	17,441 24			5,705 33	
7	Maine avenue.	Thirteenth street west.	Sixth street west.		4,363 70		54 00		
8	Thirteenth-and-a-half street west.	Pennsylvania avenue.	B street north.	12,464 43	6,232 21			661 10	
9	Eleventh street west.	do.	do.	8,956 28	4,478 13	384 00	463 77		
10	Thirteenth street west.	do.	F street north.	12,759 30	6,379 64	149 91		946 50	
11	E street north.	Fifteenth street west.	Seventh street west.	23,761 44	11,853 71	211 29	91 98	465 50	
12	Vermont avenue.	Fourth street west.	P street circle.	22,760 44	11,379 41				
13	D street north.	Eleventh street west.	Fifteenth street west.	23,210 78	10,779 74	313 30	123 13		
14	F street south.	Seventh street west.	Water street.	16,963 50	8,481 74			1,033 50	
15	Delaware avenue.	B street north.	C street north.	19,961 99	9,930 98				
16	H street north.	Fourth street west.	First street east.	40,399 02	20,198 99	106 41			
17	Twenty-sixth street west.	K street north.	M street north.	12,457 16	6,228 57	303 55	151 25		
18	Columbia street.	O street north.	Q street north.	8,840 76	4,420 37				
19	Second street east.	Maryland avenue.	North Carolina avenue.	24,292 15	12,101 07	101 00		1,333 25	
20	South Carolina avenue.	Sixth street east.	Seventh street east.	3,899 50	3,899 50				
21	S street north.	Seventh street west.	Sixteenth street west.	20,223 55	9,611 77	1,455 48	205 36	1,226 43	
22	E street north.	Thirteenth street west.	Fourteenth street west.	17,220 87	3,446 17				
23	H street north.	Fifteenth street west.	Vermont avenue.	7,617 83	3,808 94				
24	C street south.	Third street east.	Fourth street east.	4,596 87	2,298 43				
25	do.	Sixth street east.	Seventh street east.	5,182 56	2,591 27			7,422 26	
26	N street north.	Canal.	Sixth street west.	15,422 25	7,711 12			3,060 00	
27	B street north.	Delaware avenue.	First street east.		2,813 31				
28	Union street.	M street south.	O street south.	7,781 08	3,890 84				
29	Maryland avenue.	First street east.	Fifteenth street east.	2,093 96	24,465 63			9,808 10	
30	F street north.	Fifth street west.	Seventh street west.	109,745 96	54,672 95	566 06	182 59	1,703 94	
31	Maryland avenue.	First street west.	Second street west.		2,184 47				
32	Seventeenth street west.	New York avenue.	Canal.	60,151 62	8,395 12			3,635 20	
33	Corcoran street.	Thirteenth street west.	Fourteenth street west.	4,503 20	9,006 60				
34	Grace street, Georgetown.	High street.	Potomac street.	7,273 67	3,636 83				
35	Market street, Georgetown.	First street.	Third street.	8,424 00	4,040 96		45 57		
36	Prospect street, Georgetown.	High street.	Market street.	10,352 65	5,177 82				
37	East and West Market Space, Georgetown.	Bridge street.	Canal street.	3,282 41	650 41				
38	First street, Georgetown.	Payette street.	High street.	31,013 35	15,506 66	1,200 30	473 91	1,760 60	

New Jersey avenue	Fourth street west	Rock Creek	Loc. 1000 04	75, 181 79	52, 300 64	10, 109 00
Fourth street north	Fourth street west	Fourth street west	36, 444 04	16, 065 14	4, 510 00	
Fourth street west	Fourth street west	Fourth street west	35, 361 31	16, 013 08	9, 090 00	
Fourth street west	Fourth street west	Fourth street west	30, 749 03	10, 394 51	0, 000 00	
Fourth street west	Fourth street west	Fourth street west	84, 509 40	41, 999 60	9, 794 48	5, 508 48
Fourth street west	Fourth street west	Fourth street west	94, 843 16	34, 931 57	0, 023 00	0, 534 00
Fourth street west	Fourth street west	Fourth street west	12, 312 13	0, 150 00		
Fourth street west	Fourth street west	Fourth street west	114, 465 94	57, 279 60	1, 843 36	1, 925 56
Fourth street west	Fourth street west	Fourth street west	51, 103 12	32, 553 60	1, 843 36	1, 925 56
Fourth and a-half street west	Fourth street west	Fourth street west	47, 106 61	32, 553 30	1, 970 80	1, 378 55
Bridge street	Fourth street west	Fourth street west	13, 561 97	6, 790 97	819 08	113 11
Washington street	Fourth street west	Fourth street west	90, 001 89	13, 000 99	291 00	585 00
Washington street	Fourth street west	Fourth street west	14, 198 34	7, 094 16		175 00
New Jersey avenue	Fourth street west	Rock Creek	75, 734 01	62, 969 33		97, 253 00
Grant street	Fourth street west	Fourth street west	4, 390 70	3, 100 35		
Rhode Island avenue	Fourth street west	Fourth street west	127, 205 50	63, 632 73		15, 965 32
Maryland avenue	Fourth street west	Fourth street west	33, 347 14	16, 873 56	1, 680 62	
Fourth and a-half street west	Fourth street west	Fourth street west	57, 903 35	28, 951 67		93, 178 45
Fourth street west	Fourth street west	Fourth street west	20, 927 47	14, 860 13		2, 607 00
Fourth street west	Fourth street west	Fourth street west	75, 730 76	38, 041 40		
Fourth street west	Fourth street west	Fourth street west	92, 097 13	40, 048 50	1, 199 30	151 25
Fourth street west	Fourth street west	Fourth street west	46, 454 66	24, 277 31	707 97	139 72
Fourth street west	Fourth street west	Fourth street west	17, 565 99	8, 789 59		907 32
Fourth street west	Fourth street west	Fourth street west	118, 680 44	59, 334 71	1, 729 41	
Fourth street west	Fourth street west	Fourth street west	69, 316 71	34, 428 36	376 88	
Fourth street west	Fourth street west	Fourth street west	91, 988 94	45, 743 04	1, 050 72	505 10
Fourth street west	Fourth street west	Fourth street west	12, 564 43	0, 992 81		33 81
Fourth street west	Fourth street west	Fourth street west	46, 735 44	23, 387 56		
Fourth street west	Fourth street west	Fourth street west	33, 377 44	16, 086 71	1, 215 90	1, 319 40
Fourth street west	Fourth street west	Fourth street west	23, 338 27	11, 127 60	8, 440 40	
Fourth street west	Fourth street west	Fourth street west	25, 038 74	14, 329 34	327 50	
Fourth street west	Fourth street west	Fourth street west	6, 804 73	3, 402 36	631 33	7, 769 08
Fourth street west	Fourth street west	Fourth street west	6, 773 56	3, 386 77		
Fourth street west	Fourth street west	Fourth street west	11, 960 28	5, 990 14		
Fourth street west	Fourth street west	Fourth street west	59, 231 07	14, 115 53		9, 308 44
Fourth street west	Fourth street west	Fourth street west	14, 032 16	7, 026 08		1, 410 00
Fourth street west	Fourth street west	Fourth street west	19, 629 60	9, 604 16		
Fourth street west	Fourth street west	Fourth street west	4, 304 57	2, 102 38		
Fourth street west	Fourth street west	Fourth street west	48, 344 32	4, 115 16	2, 160 17	1, 359 49
Fourth street west	Fourth street west	Fourth street west	8, 230 32	4, 115 16		
Fourth street west	Fourth street west	Fourth street west	8, 230 32	4, 115 16		2, 992 81
Fourth street west	Fourth street west	Fourth street west	17, 951 64	6, 975 93		881 63
Fourth street west	Fourth street west	Fourth street west	7, 171 14	6, 975 93		10, 446 12
Fourth street west	Fourth street west	Fourth street west	14, 342 30	16, 782 64		1, 413 23
Fourth street west	Fourth street west	Fourth street west	33, 565 30	16, 782 64		3, 071 15
Fourth street west	Fourth street west	Fourth street west	17, 815 17	8, 907 36		
Fourth street west	Fourth street west	Fourth street west	17, 815 17	8, 907 36		
Fourth street west	Fourth street west	Fourth street west	15, 337 73	12, 863 53	1, 265 74	
Fourth street west	Fourth street west	Fourth street west	23, 586 90	4, 879 40		970 00
Fourth street west	Fourth street west	Fourth street west	23, 586 90	11, 793 45		5, 484 77
Fourth street west	Fourth street west	Fourth street west	41, 090 60	20, 311 61		

B.—Statement of special assessments made under the District Commissioners, &c.—Continued.

Number.	Street.	From—	To—	General fund.	Property-holders.	Lateral water service, prop-erty-holders.	Lateral sewer service, prop-erty-holders.	Charged to inter-secting streets.	Railroads.
80	Eleventh street east.....	Pennsylvania avenue.....	Massachusetts avenue.....	\$44,588 60	\$22,394 30	\$1,034 80	.....	\$11,989 17	.....
90	L street north.....	Fifth street east.....	Sixth street east.....	1,157 44	578 72	.....	.....	9,581 62	.....
	Total.....			2,634,108 96	1,443,686 22	41,304 20	\$7,963 50	\$25,017 24	.....
	Deduct drawback, and half-intersections of streets now assessed.....			.....	148,865 85	.....	.....	94,974 09	.....
	Grand total under District commission.....			2,634,108 96	1,294,830 37	41,304 20	7,963 50	140,043 15	.....
	Grand total under board of public works.....			4,009,538 99	2,920,742 58	66,101 07	24,420 90	158,236 04	\$45,978 70
	Grand total.....			6,843,647 95	3,594,572 95	107,405 36	32,384 40	298,279 19	45,978 70

Rate per front foot.

10 C D

Street.

Number.

United States.

District of Columbia.

Total amount.

Front feet.

Carriage-way, \$5 65.931; coping, \$1.

Carriage-way, \$7 96.685.

Carriage-way, \$1 93.07.

Carriage-way, \$0 34.37; \$8 84.57.

Carriage-way, \$6 68.856; main sewer, \$0 88.1.

Carriage-way, \$2 75.521.

Carriage-way, \$3 48.539; main sewer, \$0 66.219.

Carriage-way, \$3 40.364; main sewer, \$0 77.136.

Carriage-way, \$4 73.

Carriage-way, \$7 59.029.

Carriage-way, \$9 38.530; main sewer, \$0 69.924; coping, \$1.

Carriage-way, \$7 18.133; main sewer, \$0 98.724.

Carriage-way, \$3 14.393; \$3 91.589, \$2 96.038, \$4 60.073; main sewer, \$0 98.370, \$0 30.557.

Carriage-way, \$3 22.861; main sewer, \$1 30.

Carriage-way, \$9 36.175; main sewer, \$0 99.387.

Carriage-way, \$1 40.95; main sewer, \$1 15.403.

Carriage-way, \$5 00.823.

Carriage-way, \$3 04.849.

Carriage-way, \$3 41.834; main sewer, \$0 94.263.

Carriage-way, \$3 22.066.

Carriage-way, \$4 11.367; main sewer, \$0 92.210.

Carriage-way, \$6 82.86.

Carriage-way, \$6 05.217; main sewer, \$0 64.8.

Carriage-way, \$3 89.

Carriage-way, \$2 38.763.

Carriage-way, \$2 62.798; main sewer, \$1 50.938.

Carriage-way, \$5 83.169.

Carriage-way, \$1 59.566.

Carriage-way, \$3 96.464, \$3 85.455, \$2 39.729.

Carriage-way, \$9 72.119; coping, \$1.

Carriage-way, \$5 38.7; main sewer, \$0 76.5.

Carriage-way, \$0 77.617.

Carriage-way, \$4 14.35.

Carriage-way, &c., \$3 19.79.

Carriage-way, &c., \$3 35.906; main sewer, \$0 38.

Carriage-way, &c., \$2 79.223; main sewer, \$0 81.847.

Carriage-way, &c., \$1 67.451.

10 C D

B.—Statement of special assessments made under the District Commissioners, &c.—Continued.

Number.	Street.	United States.	District of Columbia.	Total amount.	Front feet.	Rate per front foot.
38	First street, Georgetown.	.....	.....	\$50,043 91	2,909 47	Carriage-way, &c., \$4 39.550; main sewer, \$1 11.957.
39	P street north.	.....	.....	293,198 66	5,109 7	Carriage-way, &c., \$5 96; main sewer, \$1 10.326.
40	Q street north.	\$11,227 00	.....	43,844 36	1,067 9	Carriage-way, &c., \$5 83.624; main sewer, \$1
41	T street north.	.....	.....	73,878 32	4,349 11½	Carriage-way, &c., \$3 43.340; \$5 64.329; main sewer, \$0 65.377; wood fence, \$0 13.526.
42	Twenty-second street west.	2,192 50	.....	.....	.....	Carriage-way, &c., \$3 22.539; coping, \$1.
43	Sixth street west.	.....	.....	51,965 39	1,933 73	Carriage-way, &c., \$5 31.057; main sewer, \$1 01.067.
44	F street south.	.....	.....	34,638 93	1,704 9	Carriage-way, &c., \$5 39.749; main sewer, \$1 03.331.
45	Sixth street west.	.....	.....	135,408 75	6,376 87	Carriage-way, &c., \$3 51.925.
46	H street north.	2,957 98	.....	118,980 37	9,523 11½	Carriage-way, &c., \$6 94.623.
47	A street north.	7,023 89	.....	95,492 01	8,668 2	Carriage-way, &c., \$6 04.240; main sewer, \$0 82.823.
48	South street west.	81,466 96	.....	256,233 54	5,008 4	Carriage-way, &c., \$4 09.294; main sewer, \$0 94.703.
49	South street west.	4,312 66	.....	67,851 41	4,053 10	Carriage-way, &c., \$3 50.857; main sewer, \$0 98.644.
50	Fifth street west.	.....	.....	74,900 96	1,496 8	Carriage-way, &c., \$3 50.664; main sewer, \$0 38.917.
51	G street south.	.....	.....	90,342 94	1,866 4	Carriage-way, &c., \$3 55.693; main sewer, \$0 81.373.
52	Polomac street, Georgetown.	.....	.....	20,414 36	1,710 3	Carriage-way, &c., \$3 05.694; main sewer, \$0 54.881.
53	Washington street, Georgetown.	786 50	.....	91,457 50	6,775 11	Carriage-way, &c., \$3 01.997; main sewer, \$0 45.430.
54	New Jersey avenue.	89,768 71	.....	255,035 05	6,524 10	Carriage-way, &c., \$3 53.776.
55	Rhode Island avenue.	36,051 65	.....	6,481 05	3,706 9	Carriage-way, &c., \$3 54.610; main sewer, \$1 77.294.
56	Maryland avenue.	10,411 63	.....	942,915 20	9,752 98	Carriage-way, &c., \$6 05.76.
57	.....do.....	54,500 08	.....	62,492 95	2,054 94	Carriage-way, &c., \$7 07.3; main sewer, \$1 23.442.
58	Eleventh street west.	46,890 43	.....	163,283 53	4,390 10	Carriage-way, &c., \$3 07.3.
59	New Hampshire avenue.	23,536 79	.....	196,338 06	7,423 4	Carriage-way, &c., \$5 83.728; \$2 54.304, \$6 37.220, \$4 49.914, \$1 62.427; main sewer, \$0 36.664.
60	Twenty-first street west.	10,548 08	.....	154,182 76	7,446 32	Carriage-way, &c., \$5 63; main sewer, \$0 89.547; fence, \$0 17.859; coping, \$1;
61	First street east.	70,003 50	.....	148,472 96	7,450 5	Carriage-way, &c., \$3 00.979; main sewer, \$0 76.66.
62	Quincy (extended).	.....	.....	96,348 44	1,694 4	Carriage-way, &c., \$4 06.496; main sewer, \$1 01.764.
63	Fifteenth street west.	.....	.....	140,633 44	8,399 4	Carriage-way, &c., \$3 39.369; main sewer, \$0 75.518.
64	A street south.	4,453 38	.....	17,737 40	8,845 5	Carriage-way, &c., \$4 60.318; main sewer, \$0 97.506.
65	K street north.	7,036 96	.....	11,667 85	5,546 3	Carriage-way, &c., \$3 40.346; main sewer, \$0 71.384.
66	Fourth street west.	.....	.....	137,066 60	3,292 1	Carriage-way, &c., \$3 03.447; main sewer, \$1 71.518; parking, \$0 98.568.
67	Fourth street west.	.....	.....	97,846 64	3,257 9	Carriage-way, &c., \$3 37.730; main sewer, \$1 56.433.
68	N street north.	.....	.....	70,102 70	2,527 9	Carriage-way, &c., \$6 07.900.
69	Tenth street west.	2,929 04	.....	52,601 45	1,109 1½	Carriage-way, &c., \$4 05.679; main sewer, \$1 11.812.
70	Third street east.	.....	.....	45,503 95	3,328	Carriage-way, &c., \$3 04.672; main sewer, \$1 70.034; park, \$0 24.927.
71	Fourth street east.	.....	.....	51,964 49	3,394	Carriage-way, &c., \$3 14.105; main sewer, \$0 76.711.
72	Marshaled street.	.....	.....	10,460 33	3,372 6	.....do....., \$0 75.360.

74	Fifth street west	.....	17,040 42	9,651.5	Carriage-way, &c., \$9 43.046.
75	M street north	.....	51,653 04	3,512 0	Carriage-way, &c., \$4 01.405.
76	Thirteenth and a half street west	.....	54,496 34	3,017 4	Carriage-way, &c., \$4 71.516; main sewer, \$0 84.174.
77	I street north	.....	59,323 69	1,461 0	Carriage-way, &c., \$0 47.023; main sewer, \$0 55.134; park, \$0 10.915.
78	South Capitol street	.....	6,300 45	1,134	Carriage-way, &c., \$1 84.732.
79	Eleventh street west	.....	60,515 93	5,564 11	Carriage-way, &c., \$1 64.423; main sewer, \$1 00.114.
80	F street north	.....	14,345 49	648 4	Carriage-way, &c., \$5 74.596; main sewer, \$0 64.599.
81	R street north	.....	20,830 97	3,876 11	Carriage-way, &c., \$3 31.4.
82	do	.....	23,153 51	9,133 9	Carriage-way, &c., \$3 11.957; main sewer, \$0 76.016.
83	do	.....	60,794 06	3,047 11	Carriage-way, &c., \$4 09.748; main sewer, \$1 25.817.
84	Eighth street west	.....	94,135 98	1,614 6	Carriage-way, &c., \$0 13.732; main sewer, \$0 12.932.
85	Thirteenth street west	.....	43,519 45	1,038 104	Carriage-way, &c., \$4 63.790; main sewer, \$1 21.66.
86	De Sales street	.....	18,314 96	2,086 1	Carriage-way, &c., \$4 68; parking, \$0 49.828.
87	Eleventh street west	.....	36,359 35	4,203 4	Carriage-way, &c., \$4 68; parking, \$0 35; main sewer, \$0 44.384; wood fence, \$0 18.866.
88	Twenty-fourth street west	.....	78,363 69	3,492 7	Carriage-way, &c., \$5 34.740; main sewer, \$1 06.907.
89	Eleventh street east	.....	83,190 62	410 4	Sidewalk, &c., \$1 41.038.
90	L street north	.....	10,257 78	280,607.7	
	Total	.....	5,333,960 70		
	Deduct drawback, and half-intersections of streets now assessed	.....	243,839 94		
	Grand total under District commission	.....	5,090,120 76		
	Grand total under board of public works	.....	8,196,993 93	129,503	
	Grand total	.....	28,084 60	450,110.7 =	85.307 miles.

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 75, Nineteenth street west, from New York avenue to Boundary street.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
Gray & Noyes	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
Do												
Do												
John McAvoy	2, 621	\$0 40	\$2, 096 40	2, 339	\$0 25	\$599 75	3, 374	\$0 25	\$843 50			
Strap & Pollanabee	31	1 60	49 80			85	700	85	595 00			
Do							87	2 05	178 35	12, 444	\$0 30	\$3, 733 20
Do												
Do												
Do	2, 632 1/2	1 00	2, 632 50	1, 795	75	448 75	2, 827 1/2	95	2, 687 07			
Do							1, 33 1/2	1 20	1, 602 60			
Do							124	2 05	259 32			
Do							604	2 05	123 51	25 734	30	7, 720 20
Do	1, 848 6-9	1 00	1, 848 66				644 4-10	25	161 10	4, 080	30	1, 226 70
Do												
T. W. Hickey												
Do												
Joseph Savinour												
T. W. Hickey												
Do												
A. S. Richards												
Do												
F. H. Smith												
P. Brennan												
M. J. Laughlin	134 1-10	1 00	134 10	67	25	16 75				176	30	52 80
H. V. Colton												
Evans Concrete Company												
Do	373	1 00	375 00				187 1/2	1 42	266 25	600	30	180 00
Do							277 1/2	1 20	338 40			
Do												
Water Registrar												
Board of public works												
J. V. W. Vandenberg												
Do												
Do												
Do												
Do	1-4	1 00	1-4 00				157	1 42	223 04	583	30	159 90

Pay roll.	9,080	80	9,163 80	146	25	46 50	1,012	0	9 05	18 45	12,592	30	3,777 00
Thomas Joynt.			431 45	81	50	42 80	510		25	126 00			
Do										130 75			
Jones & Collins													
Do													
Do													
Do													
D. Hannan													
Thomas Lucas													
Do				47	50	53 50				200	40	40 00	
Do				205	25	66 25				100	20	20 00	
John Ready & Co													
Do													
Lewis Clephane	815	80	652 00	771	25	192 75	1,094	1 42	1,500 11	611	40	244 40	
Do			105 46	61	50	30 50	116 4-12	25	25 09	1,628	30	500 40	
Do			17 60	65	30	19 50	174	15	26 10				
Do	11	1 60					67	12	8 04				
Do													
C. MacNichol													
S. C. Wroe													
Do													
F. H. Smith													
Jones & Collins													
Do													
<i>Addition in office of assessments.</i>													
Add difference old material re-													
laid put up to full board price.													
Add estimate by engineer on													
work not put down at time of													
assessment.													
Add 1/2 intersections lateral													
streets.													
Add lateral water-service, per													
auditor.													
Add lateral sewer-service, per													
auditor.													
Add 5 per cent on \$157,077.72													

Pay roll	No.									Total
Thomas Joyce.....	7	861 41								1,318 57
Do										
Do										
Jones & Collins										
Do										
Do										
Do										
D. Hannan										
Thomas Lucas										
Do				290			25	72 25		9 65 36 11 92 00
Do										
John Reedy & Co										
Do										
Lewis Clephane	2,299	3	68 87		2,840 50	1,364	50	682 00		269 80 431 60
Do					2,306 3 00	6,914 00				
Do										
Do										
C. MacNichol										
S. C. Wroe										
F. H. Smith					8,664	2 00	17,338 00			304 36 23 75
Jones & Collins										1,398 06 2,644 59 17,338 00 1,000 00 1,500 00
Do										
Addition in office of assessments.										172,716 21
Add difference old material re- laid put up to full board price.										
Add estimate by engineer on work not put down at time of assessment.										
Add ½ intersections lateral streets.										
Add lateral water service, per auditor.										
Add lateral sewer-service, per auditor.										
Add 5 per cent. on \$157,077.72.										
Total as per tabular statement.										8,684 04 5,160 00 5,049 95 1,024 38 399 48 7,853 88 200,887 94

* Add error in footing T. Joyce's bill included in assessment, \$157.76.

[illegible]

[illegible]

Statement of expenditures on Eighteenth street west, from E street to P street north—Continued.

To whom paid.	Haul	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous	Total amount.
William Kerney	Yards.			Yards.		\$4,604 25	Yards.								\$4,604 25
L. S. Filbert				1,315 1/2	\$3 50	16,200 00									17,500 00
Do				5,400	3 00	1,350 00									2,657 64
P. Brennan					55						\$2,657 64				6,310 58
O. O'Hare											6,310 58				257 19
Do														\$257 19	
Hugh Murray															
Do	29,519	\$0 10 1/2	\$4,796 83				1,395 9-10	\$0 50	\$697 51						98,176 27
Do															3,917 04
Do															844 11
O. S. Bates, superintendent															37 00
William Bradley & Sons												\$60 00			60 00
J. W. Hilleary															68 37
Jones & Collins												10,200 00			10,200 00
Daniel Hannan															40 80
J. J. Hollister															40 80
Henry Himber															100 00
Do															
Do	709	08	56 72				971	50	485 50						1,070 88
Do															2,103 00
Hugh Murray															2,103 00
J. O. Evans															278 90
Do															14,448 00
S. C. Wroe															134 80
Do															192 48
Gray & Noyes													\$313 96		313 96
Do													113 05		113 05
Jones & Collins													372 40		372 40
Himber & Groat												\$125 00			479 40
Board of public works										\$1,800 00					1,800 00
Additional in office of assessments															142,061 05
Add additional expenditures															
Do															327 58
															990 00

	0, 803	50	3, 101 50			
Add difference of truck and car put up to full board price.						1, 430 00
Add estimated, not put down at						
time of assessment						
Add & intercoms of streets						
for assessment						
Add lateral water-service						0, 114 75
Add lateral sewer-service						1, 744 00
Add error of auditor's footing						817 97
in bill of H. Himber						8 00
Total as per tabular statement.						<u>163, 098 25</u>

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 74, Thirtieth street west, from E street to R street.

[illegible]

[illegible]

Statement of expenditures on Twentieth street, from E street to R street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
John O. Evans & Co.	Yards.			Yards.			Yards.							\$96 40	\$96 40
Do														125 00	125 00
J. W. Hilkey														48 75	48 75
Do														9 25	9 25
Do														18 00	18 00
Do														18 62	18 62
Do														915 30	915 30
A. P. Brown														13 25	13 25
J. M. McAvey														94 51	94 51
Evans Concrete Company														136 98	136 98
Do				5,579	\$3 20	\$17,852 00								23,934 30	23,934 30
M. J. Laughlin														100 60	100 60
Do														866 58	866 58
Do														4,706 25	4,706 25
Do	977	\$0 35	\$341 95				8831	\$0 50	\$441 75					2,032 40	2,032 40
Do	460	224	103 50				1,382	50	691 00						
Do															
Do															
Do															
S. C. Wroe														349 33	349 33
F. V. Colton														398 41	398 41
V. W. Vandenburg														953 77	953 77
Richard Morgan	10,000	164	1,625 00			26,242 56							\$856 37	96,949 56	96,949 56
Do														7,040 00	7,040 00
James O. Hagan														845 39	845 39
O. O'Hare														372 00	372 00
Evans Concrete Company														1,565 80	1,565 80
M. J. Laughlin														372 75	372 75
Evans Concrete Company														33 40	33 40
Pay-rolls				2,168 8-10	3 20	6,933 76								6,933 76	6,933 76
Board of public works														5,265 83	5,265 83
Additional in office of assessments.										\$2,662 00					
On Engineer Barney's estimates, (work not done)	2,500	20	500 00				3,546	50	1,773 00						
Pay-rolls of M. J. Laughlin's bill for this statement	10 419	10	1,041 00												
														121,491 70	121,491 70
														6,243 00	6,243 00
														6,367 60	6,367 60

Statement of expenditures on Water street, Georgetown, from Bridge street to High street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Paving (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Copling and steps.	Iron fence.	Miscellaneous.	Total amount.
Henry Birch	Yards.			Sq. yds.			Yards.								
Do				7, 101	\$1.50	\$84, 833 50					\$5, 838 43	\$100 60		\$770 35	\$37, 061 32
Do															5, 838 43
Do															770 35
William Fletcher															108 60
W. A. Hutchins															108 60
Repairs of water-service															63 00
Board of public works															32 92
Addition in office of assessments.										\$665 00					665 00
Add 5 per cent. on expenditures.															
Total as per tabular statement.															4, 353 49
															48, 883 01

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 80, L street north, from New Jersey avenue to Twenty-sixth street west.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	Sq. yds.			Sq. yds.			Ltn. feet.			Yards.		
H. N. Kaaby												
N. R. Fugitt												
Potomac Mills												
Brown & Just												
J. W. Bright												
O. O'Hare												
Do												
Do												

[illegible]

[illegible]

Statement of expenditures on L street north, from New Jersey avenue to Twenty-sixth street west—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.			Sq. yds.			Yards.								
P. Brennan.....											\$590 84				\$590 84
G. W. Linville.....											801 70				801 70
William Schooler.....														\$15 00	15 00
Finnegan & Nesdell.....														1,124 62	1,124 62
Do.....															
Do.....				10,197	\$3 50	\$35,680 50	2,431	\$0 50	\$1,215 50						48,365 12
Do.....				1,155	3 50	4,042 50								809 55	48,365 12
Manhattan Pavement Company.....															48,365 12
Proportion of fill obtained from other streets.....	65,650	\$0 30	19,704 00												19,704 00
Board of public works.....										\$1,600 00					3,600 00
<i>Additions in the office of special assessments.</i>															2,282,613 91
Owen O'Hare.....														2,143 00	2,143 00
Difference in old material put up to full board price.....														3,846 50	3,846 50
Work done by A. R. Shepherd.....									66 50						66 50
Add one-half intersection of streets for assessment.....															9,438 80
Add lateral water-service.....															4,297 70
Add lateral sewer-service.....															2,943 63
Add 5 per cent. on \$272,740 96.....															13,636 84
															318,946 97
Deduct one-half intersection at Twentieth street, added to said street.....															854 40
Total as per tabular statement.....															318,092 57

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 21, B street north, from Tenth street to Twelfth street west.

To whom paid.	New brick.		Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.																				
	Sq. yds.	Yds.																															
George Neltyz.....	1,599	60 80		\$1,379 90	1,040	\$1 42	\$1,476 80				Yards.																						
Do	381	1 60		609 60	57	2 05	116 55				2,540	\$0 30	\$2,562 00																				
Do				233 73																													
Board of public works.....																																	
Addition in office of assessments.																																	
Add 5 per cent. on \$3,842.96																																	
To whom paid.	Haul.	Price per yard.	Amount.	Sq. yds.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.																	
George Neltyz.....	Yards.																\$ 773 28																
Do																	90,708 48																
Do	8,540	\$0 22	\$1,878 80	3,863	\$3 25	\$12,551 50		Yards.									350 00																
Do																																	
Board of public works.....																																	
Addition in office of assessments.																																	
Add 5 per cent. on \$3,842.96																																	
																	192 11																
																	21,823 57																

Statement of expenditures incurred from the auditor of the board of public works, to correspond with special assessment Nos. 83, Second street, Georgetown, from High street to Euclid street.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
Addison & Garrity	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
Do	Do			Do			4484	\$1.42	\$637.03	2.721	\$0.40	\$1,088.40
Do	Do			Do			2 420 8-10	1.20	2,911.76			
Do	Do			Do			33 6-10	2.05	182.20			
Do	Do			Do			304	2.05	62.52			
L. Clephane	Do			Do						300	1.50	450.00
Do	Do			Do						2.005	.30	601.50
Do	Do			Do								
Do	Do			Do								
Addison & Garrity	Do			Do								
Board of public works	Do			Do								
Additions in office of assessments.	Do			Do								
Add lateral water-service from auditor	Do			Do								
Add lateral sewer-service from auditor	Do			Do								
Add 5 per cent. on \$39,581.84.	Do			Do								
Add 4 intersection of lateral streets	Do			Do								
Total as per tabular statement.	Do			Do								

Statement of expenditures to correspond with special assessment No. 83, Second street, Georgetown, from High street to Fayette street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Sq. yds.	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Addison & Garrity.....	Yards.							Yards.								
Do.....	2, 731	\$0 06	\$163 86									\$5, 305 62	\$13 75		\$1, 150 00	\$1, 150 00
Do.....																5, 305 62
Do.....																
Do.....																
Do.....																
L. Clephane.....	1, 152	234	259 20	5, 303	\$3 50	\$18, 560 50										5, 873 03
Do.....																
Do.....																
Do.....																
Do.....																
Addison & Garrity.....																
Board of public works.....																
Additions in office of assessments.																
Add lateral water-service from auditor.....											\$940 00					940 00
Add lateral sewer-service from auditor.....																
Add 5 per cent on \$89, 561 84.....																
Add 4 intersection of lateral streets.....																
Total as per tabular statement.....																43, 221 13

statements of expenditures are taken from the auditor of the board of public works, in correspond with special assessment No. 4, West street, Georgetown, from High street to Rock Creek street.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
Wheatley & Bro.												
J. O. Evans.												
Do												
W. Fletcher	1,610	\$0 80	\$1,288 00				2,114	\$1 20	\$2,536 80	106	\$0 30	\$31 80
Do	771	55	424 05				10	15	1 50	15,509	30	4,679 70
Do	21	1 60	33 60							3,719	15	557 85
Do												
Do												
A. Gleason												
Do												
Do	3,589	1 00	3,589 44	1,740	\$0 05	139 20	2,613 10-12	1 42	3,711 94	1,752	30	525 60
Do							12	1 20	14 40	1,752	15	262 80
Do							36	25	9 00			
Do							2,552	6	153 12			
Do							144	2 05	295 20			
Do												
W. A. Wilson												
Charles S. English												
L. Clephane	4,616	1 00	4,616 50				2,838	1 42	4,025 96	9,304	40	3,724 60
Do	104	27	28 08				60 1/2	15	9 07	307	1 00	307 00
Do	30	27	8 10				39 1/2	36	11 85			
Do							270	20	54 00			
Do								2 05	18 45			
Do							25 1/2	2 06	51 93			
Do												
Do												
Do												
Do												
Do												
James O. Hagan												
A. Tennant												
Board of public works.												
Addition in office of assessments.												
Add 1/4 intersection of streets												
Add 5 per cent. on \$99,401.28												
Add lateral water-service												
Add lateral sewer-service												

Add interest on over-assessment
Total as per tabular statement

\$07 26
706 63
106, 104 84

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 85, Gay street, Georgetown, from Washington street to High street.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
J. S. Baldwin							Lin. feet.					
J. F. Collins							2, 000	\$1 42	\$2, 852 78	8 065	\$0 30	\$2, 419 50
Do							8 3-10	1 42	11 79	8	1 00	1, 522 00
Do							46 9-10	2 05	96 11	1, 522		
Do							7 2-10	95	6 83			
Do												
Board of public works												
Additions in office of assessments.												
Add for additional brick, estimated												
Add 5 per cent. on \$29,496.37												
Error in auditor's account deducted												

standard of 1000 inches received from the amount of the bond of public works to correspond with special assessments Nos. 86 and 88, B street north, from Seventh to Tenth streets and Twelfth to Fifteenth streets west.

To whom paid.	New brick. Sq. yds. 853	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Lin. feet. 5184	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
Andrew Gleason.....		\$0 20	\$102 40					\$0 30	\$155 55	1,540	\$0 20	\$316 00
Do.....												
Chase pay-roll.....												
Francis Rosside.....												
George Neffay.....												
S. C. Wroth.....	592 23	1 00	932 66	774 79	\$0 25	\$193 70	1,850	60	1,110 00	286	40	114 40
Washington Market Company.....							816	1 42	874 72			
Do.....							600	07	42 00			
Do.....							537	25	134 25			
Do.....							530	10	53 00			
Do.....							1,124	50	562 00			
G. W. G. Eslin.....												
Do.....	1,562	1 00	1,562 00				1,568	60	952 80	4,713	30	1,419 90
Do.....							11	30	3 30			
Do.....							2,177	1 42	3,091 34			
Do.....							2,200	50	1,100 00			
John O. Evans.....	2,437	1 00	2,437 00				17,654	34	14,820 36			
Do.....							4,801	1 42	6,817 42			
Board of public works.....												
<i>Addition in office of assessments.</i>												
Add 5 per cent. on \$16,667.46.....												
Total as per tabular statement.....												
Deduct amount of assessments.....												
86 and 88, \$8,716.17 and \$3,784.66.....												
(see supplementary sheet).....												

Statement of expenditures on B street north, from Seventh to Tenth streets and Twelfth to Fifteenth streets west—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Andrew Gleason	Yards.	\$0 15	\$337 00	Sq. yds.			Yards.								\$1,390 95
Do	1,590														155 55
Chase pay-roll															155 55
Francis Reeside															418 00
George Netley															48 00
S. C. Wroe															480 00
Washington Market Company				6,572 1/2	\$1 50	\$9,408 50									175 00
Do				3,000	05	150 00									
Do															
Do															
Do															
Do															
Do															
Do															
G. W. G. Eakin	Yards.														687 64
Do	4,733	07 1/2	354 97	12,414	1 50	18,561 00									141 09
Do															
Do															
Do															
Do															
John O. Evans				10,769	3 50	37,691 50					\$2,100 50				27,105 31
Do															63,975 78
Board of public works.										\$1,920 00					1,920 00
Addition in office of assessments.															110,072 55
Add 5 per cent. on \$16,667.46															833 37
Total as per tabular statement															110,905 92
Deduct amount of assessments to and \$8,716.17 and \$8,784.06, (see supplementary sheet)															17,500 83
Balance charged to the United States.															93,405 09

1,002 square yards bitu-stono pavement, at \$1.50.....	\$2,994 00	1,071 4-10 feet of curb, at \$1.42.....	1,501 03
1,709 square yards brick pavement, at \$1.....	1,709 00	145 4-10 feet of circular curb, at \$2.05.....	2,919 77
603 square yards gutter-flag, at 50 cents.....	301 50	1,094 square yards brick pavement, at \$1.....	1,094 34
1,211 feet curb, at \$1.42.....	1,719 68	1,934 square yards Belgian pavement, at \$3.50.....	6,769 00
774 square yards brick pavement relaid, at 35 cents.....	271 30		
2,000 square yards wood pavement relaid, at 5 cents.....	100 00		
1,850 feet flagging, at 60 cents.....	1,110 00	Leas \$ on items 1 and 2.....	3,104 69
		Add 5 per cent. on \$2,366.34.....	2,366 34
			418 32
		Total, as per tabular statement under head of "property-holders"....	8,784 66

1,002 square yards bitu-stono pavement, at \$1.50.....	\$2,964 00	1,071 4-10 feet of curb, at \$1.42.....	1,501 03
1,709 square yards brick pavement, at \$1.....	1,709 00	145 4-10 feet of circular curb, at \$2.05.....	2,919 77
603 square yards gutter-flag, at 50 cents.....	301 50	1,094 square yards brick pavement, at \$1.....	1,094 34
1,211 feet curb, at \$1.42.....	1,719 68	1,934 square yards Belgian pavement, at \$3.50.....	6,769 00
774 square yards brick pavement relaid, at 35 cents.....	271 30		
2,000 square yards wood pavement relaid, at 5 cents.....	100 00		
1,850 feet flagging, at 60 cents.....	1,110 00	Leas \$ on items 1 and 2.....	3,104 69
		Add 5 per cent. on \$2,366.34.....	2,366 34
			418 32
		Total, as per tabular statement under head of "property-holders"....	8,784 66

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 87, Aqueduct street, Georgelown, D. C., from Green street to Rock Creek street.

[illegible]

[illegible]

[illegible]

[illegible]

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 92, Montgomery street, Georgetown,
D. C., from Bridge street to Stoddart street.

To whom paid.	New brick. Sq. yards.	Price per yard.	Amount.	Old brick. Sq. yards.	Price per yard.	Amount.	New and old lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
A. H. Calhoun.....	3,551	\$0 80	\$2,840 80	305	\$0 25	\$76 25						
Riley A. Shinn.....	10		966 80				2,680 1/2	\$1 50	\$3,224 00	3,679	\$0 45	\$1,655 55
10	631	1 60	99 80				548	95	137 00	3,200	30	960 00
10	55		3,013 45				95	2 50	240 00			
10	5,479	10	547 90				42	2 00	84 00			
10	2,040	42	856 80									
10												
10												
Ready & Co.....												
Albert Gleason.....												
Board of public works.....										833	30	255 90
Additions in office of assessments.												
Add in price old brick put up			228 75									
to price of new												
Add one-half intersections of												
street.....												
Add 5 per cent on \$23,781.09												

To whom paid.	Haul	Price per yard	Amount	Pavement (curriage-way)	Price per yard	Amount	Sodding.	Price per yard	Amount	Trees, (amount)	Sewers, (amount)	Coping and steps	Iron fence.	Miscellaneous amount	Total amount
A. H. Calhoun	Yards.														
Riley A. Shinn	3,200	\$0.03	\$96.00								\$8,160.68	\$0.06		\$40.00	\$40.00
Do												194.40			8,160.68
Do										\$100.00		1,349.53			
Do															
Do															
Do															
Do															
Do															
Do															
Do															
Ready & Co.														383.91	15,973.93
Albert Gleason														171.90	383.91
Board of public works	853	11	12.60											13.60	171.90
										1,080.00					13.60
															968.70
															1,080.00
															26,097.62
<i>Additions in office of assessments.</i>															
Add in price old brick put up to price of new															293.75
Add one-half intersections of street															105.00
Add 5 per cent. on \$23,781.09															1,180.05
															27,090.42
															140.00
															27,490.42
															1,174.14
Total as per tabular statement															28,654.56

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 93, Eighth street west, from O street to Rhode Island avenue.

To whom paid.	New brick. <i>Sq. yards.</i>	Price per yard.	Amount.	Old brick. <i>Sq. yards.</i>	Price per yard.	Amount.	New and old curb. <i>Lin. feet.</i>	Price per foot.	Amount.	Grading. <i>Yards.</i>	Price per yard.	Amount.
Albert Gleason												
P. J. Burke												
Do												
A. J. Richards												
J. S. Baldwin	4,301 2-9	\$1 00	\$4,301 52				34	\$0 85	\$28 90	2,790	\$0 30	\$837 00
Do							2	1 20	2,668 80	986	30	265 40
Do							37	2 05	75 85	3,372 1/2	30	1,011 75
Do										3,372 1/2	40	1,349 00
Do												
Board of public works												
<i>Additions in office of assessments.</i>												
Add one-half intersection of Rhode Island avenue												
Add 5 per cent on \$33,243.90 ...												

To whom paid.	Haul	Price per yard.	Amount.	Pavement (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.						Yards.								
Albert Gleason														\$53 08	\$53 08
P. J. Burke														648 00	648 00
Do														887 54	887 54
A. J. Richards														160 58	160 58
J. S. Baldwin	9,790	\$0 41	\$1,150 87	4,929	\$3 50	\$15,006 50	4,069 2-0	\$0 50	\$2,034 88						
Do															
Do	6,745	25	1,686 25												
Do															
Do															
Board of public works										\$282 00				438 50	30,446 82
															682 00
<i>Additions in office of assessments.</i>															33,527 40
Add one-half intersection of Rhode Island avenue															315 00
Add 5 per cent. on \$33,243.90															1,682 20
Total as per tabular statement															35,504 60

Statement of expenditures on Twenty-third street west, from Virginia avenue to Pennsylvania-avenue circle, &c.—Continued.

[illegible]

The statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 86, F street north, from Fifth street to Fifteenth street west, will appear in a subsequent statement.

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 07, Tenth street west, from F street to N street, for sidewalk only.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
H. V. Colton.....	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
D. Hagan.....												
D. Keppel.....												
Do.....												
Do.....												
Do.....												
Do.....	11,001 3-10	\$1 00	\$11,001 30	576	\$0 85	\$144 00	2,166½	\$1 90	\$2,502 00	13,000	\$0 40	\$5,200 00
Do.....	157½	2 00	314 67				4,069½	1 42	5,778 92	10,398	30	3,118 80
Do.....							900	85	170 00			
Do.....							86½	2 05	176 81			
Do.....												
P. Brennan.....												
Add lateral water-service.....												
Add lateral sewer-service.....												
Addition in the office of special assessments.....												
Add 5 per cent. on \$46,885.85.....												

Statement of expenditures on Tenth street west, from F street to N street, for sidewalk only—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees (amount).	Sewers (amount).	Coping and steps.	Wood fence.	Miscellaneous amount.	Total amount.
	Yards.						Yards.								
H. V. Colton													\$1,522 00		\$1,522 00
D. Hannan														\$15 85	13 85
D. Keppel											\$340 73			340 73	340 73
Do														1,077 68	1,077 68
Do														1,054 80	1,054 80
Do											5,070 92			5,070 92	5,070 92
Do														75 00	75 00
Do	23,396	\$0 15	\$3,509 40				4,174	\$0 50	\$2,087 00						34,102 90
Do															
Do															
Do															
Do															
Do															
P. Brennan											\$19 10			2,807 30	2,807 30
Add lateral water-service														219 10	219 10
Add lateral sewer-service														46,885 85	46,885 85
														1,801 73	1,801 73
														2,431 19	2,431 19
Addition in the office of special assessments.															51,108 77
Add 5 per cent on \$46,885.85.															2,344 29
Total as per tabular statement															53,453 06

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 10, Ninth street west, from M street to Boundary street.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb. Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
R. C. Hewitt.....												
A. S. Richards.....												
J. W. Deana.....												
Do.....												
Do.....												
Do.....	14,460	\$1 00	\$14,460 00				5,300	\$1 43	\$7,384 00	4,000	\$0 30	\$1,200 00
Thomas Lewis.....												
Do.....	4,139	1 00	4,139 00									
Do.....							2,766	1 43	3,957 73			
Brennan & Hutton.....								2 05	319 40			
Board of public works.....												
Additions in office of assessments.....												
Add 1/2 interest on M street.....												
Add 5 per cent. on \$104,600.89.....												

Statement of expenditures on Ninth street west, from M street to Boundary street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.						Yards.								
R. C. Hewitt.....	15, 936	\$3 50	\$55, 846 00	.....	.....	.....	.....	.....	.....	.....	.....	\$55, 846 00
A. S. Richards.....	\$703 83
J. W. Deana.....	703 83
Do.....	950 00
Do.....	329 76
Do.....	63 50
Do.....	63 50
Do.....	45 00
Do.....	23, 044 00
Thomas Lewis.....	23, 044 00
Do.....	482 23
Do.....	482 23
Do.....	3, 120 22
Do.....	3, 120 22
Brennan & Hutton.....	8, 354	3 30	28, 733 80	.....	.....	.....	.....	.....	.....	.....	.....	35, 119 32
Board of public works.....	1, 165 86
	1, 165 86
	1, 800 00
	1, 800 00
	191, 968 72
<i>Additions in office of assessments.</i>	191, 968 72
Add $\frac{1}{2}$ intersection at M street.....	395 25
Add $\frac{1}{2}$ per cent. on \$104, 639 89.....	5, 230 49
Total, as per tabular statement.....	197, 654 46

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 10, Fourteenth street west, from N street to boundary street, assessment for sidewalk, lateral water and sewer service only.

To whom paid.	New brick.		Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	Yds.	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
Isiah Stewart	11,946		\$1 00	\$11,946 00	1,270	\$0 25	\$317 50						
Do	62		2 00	124 00									
Do													
Add lateral water-service													
Add lateral sewer-service													
Addition in office of assessments.													
Add 5 per cent on \$14,214.76													
Total, as per tabular statement													

To whom paid.	Haul.		Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.							Yards.								
Isiah Stewart																\$13,921 50
Do																\$33 26
Do																\$33 26
Add lateral water-service																8,653 00
Add lateral sewer-service																
Addition in office of assessments.																
Add 5 per cent on \$14,214.76																22,867 76
Total, as per tabular statement																710 73
Total, as per tabular statement																23,578 40

[illegible]

Statement of expenditures received from the board of audit, to correspond with special assessment No. 2, I street north, from Thirteenth street to Fifteenth street west.

[illegible]

To whom paid.	Haul	Price per yard	Amount.	Pavement, (carriage-way).	Price per yard	Amount.	Sodding	Price per yard	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount
A. S. Richards	Yards						Yards.								\$191 00
James A. Nelson	1,668	\$0 33½	\$553 85												3,986 16
Do															117 70
Do															\$117 70
Do															4,294 86
Do															211 74
<i>Addition in office of assessments.</i>															
Add 5 per cent. on \$4,294.86															
Total, as per tabular statement															4,506 60

Statement of expenditures received from the board of audit, to correspond with special assessment No. 4, Fourteenth street west, from F street to H street north.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb. Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
James Ragan.....							437	\$1.42	\$606.34	218	\$0.50	\$109.00
Neuchatel Paving Company.....							10	2.05	90.50	927	30	278.10
Do.....										539	4.50	1,075.50
Do.....												
J. V. W. Vandenberg.....												
L. S. Filbert.....												
Do.....												
Neuchatel Paving Company.....												
<i>Additions in office of assessments.</i>												
Add one-half intersection of streets.....												
Add draw backs, credited on assessment.....												
Board of public works.....												
Add 5 per cent. on \$28,000.37.....												
Add lateral water-service.....												

To whom paid.	Haul	Price per yard	Amount	Paving, (carriage-way)	Price per yard	Amount	Graveling	Price per yard	Amount	Trees, (amount)	Sewers, (amount)	Copying and etching	Iron fence	Miscellaneous amount	Total amount
James Regan	Yards														\$197 78
Neuchatel Paving Company	1,145	\$0 41	\$472 31												\$197 78
Do	Do													853 00	
Do	Do			788	\$8 50	\$1,970 00									3,414 75
J. V. W. Vandenberg	Do			1,549	2 00	3,098 00									1,970 00
L. S. Filbert	Do			3,732	3 20	11,942 40									3,098 00
Do	Do														11,942 40
Neuchatel Paving Company															1,061 62
															1,061 62
															136 90
															21,810 75
<i>Additions in office of assessments.</i>															
Add one-half intersection of streets															2,872 00
Add drawbacks credited on assessments															2,301 92
Board of public works										\$390 00					390 00
Add 5 per cent. on \$26,000.37															1,300 01
															28,074 62
Add lateral water-service															136 70
Total, as per tabular statement.															28,211 38

Statement of expenditures received from the board of audit, to correspond with special assessment No. 5, N street north, from Fifth street to Sixteenth street west.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
Pay roll.....	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
Do.....												
Do.....												
Do.....												
Do.....												
Do.....												
Do.....												
Do.....												
Do.....												
Do.....												
I. V. W. Vandenberg.....												
Emmatt, Smith & Co.....												
Do.....												
P. Brennan.....												
Emmatt, Smith & Co.....	320.2	\$0 80	\$256 16							360	\$0 30	\$108 00
Theodore Shetels.....			40 32									
Do.....												
John Barry.....												
Do.....												
Do.....												
John A. Fowler.....												
Finnegan & Needell.....												
Do.....												
Do.....	4,869	1 00	4,869 00				2,444	\$1 20	\$5,932 80	3,231	30	969 30
Do.....							471	1 42	669 82			
Do.....							143	15	21 45			
Do.....							570	1 42	809 40			
Do.....							60	2 05	123 30			
Do.....							18	9 05	162 90			
Do.....												
Finnegan & Needell.....												
M. J. Laughlin.....	724 7-10	1 00	724 70							1,427	30	428 10
Do.....												
Frank McGhan.....												
H. V. Colton.....												
L. B. Filbert.....												
Do.....												
Do.....	3,746	1 00	3,746 00				3,366	1 20	4,039 20	17,069	30	5,100 70

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Statement of expenditures received from the board of audit, to correspond with special assessment No. 6, Eleventh street east, from Pennsylvania avenue to Potomac River.

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Statement of expenditures on Eleventh street east, from Pennsylvania avenue to Potomac River—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous.	Total amount.
	Yards.						Yards.								
John Barry.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$425 00	\$425 00
A. S. Richards.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	152 73	152 73
James Fitzpatrick.....	13, 467	10	\$1, 346 70	20, 4594	\$1 50	\$30, 689 25	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
R. Bothwell.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Additions in office of assessments.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Add material relaid put to full board price per amount.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Add 5 per cent. on \$48,879.75.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total, as per tabular statement.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
														51, 112 36	51, 112 36
														3, 473 73	3, 473 73
														2, 443 99	2, 443 99
														57, 029 07	57, 029 07

THE DISTRICT OF COLUMBIA.

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Statement of expenditures received from the board of audit, to correspond with special assessment No. 7, Maine avenue, from Third street to Ninth street west.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
Andrew Gleason	Sq. yds. 1,460 1/2	\$0 80	\$1,168 40	Sq. yds. 196 1/2	\$0 25	\$49 12	Lin. feet 228	\$0 60	\$136 80	Yards		
Do	1,568 1/2	55	312 67				1,215	92	1,117 80			
Do	34	1 60	54 40				1,977	35	448 95			
Do			55 08				30	50	10 00			
Daniel Hannan												
Do												
Do												
P. Brennan												
Do												
A. S. Richards												
William Hussey	3,881 5/8	1 00	3,881 55				618 1/2	1 48	875 97			\$908 00
Do	4,634 2/8	70	3,243 95				900	1 20	240 00			
Do	1,843	35	645 05				1,744	1 20	2,092 80			2,478 00
Do							11 1/2	2 05	23 57			
Simon Carmody	26	1 00	26 00									
Samuel C. Wroe												238 50
Additions in office of assessments.												
Add lateral sewer service												
Add difference material relaid												
put up full board price for												
drawbacks												
Add 5 per cent on \$24,935.05												

Statement of expenditures received from the board of audit, to correspond with special assessment No. 8, Thirteen-and-a-half street west, from Pennsylvania avenue to B street north.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
D. Hudnell	3,983	\$1 00	\$3,983 00				1,995	\$1 50	\$2,992 50	9,001	\$0 30	\$2,700 30
Do	137	2 00	274 00				44	2 05	89 20			
Do	5,005	70	3,503 50				2,486	35	870 10			
Do	1,364	60	818 40									
Do												
<i>Additions in office of assessments.</i>												
Deduct error in posting												
Add 5 per cent. on \$18,467.44												

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.						Yards.								
D. Hudnell	5,000	\$0 50	\$2,500 00								\$1,985 36				\$1,985 36
Do															
Do															
Do															
Do															
Do															
Do															
<i>Additions in office of assessments.</i>															
Deduct error in posting															
Add 5 per cent. on \$18,467.44															
Total, as per tabular statement														\$50 08	19,357 74

Add lateral water service	744 00
Add lateral sewer service	463 27
Add 5 per cent. on \$12,709.44	634 07
Total, as per tabular statement	14,846 18

Statement of expenditures received from the board of audit, to correspond with special assessment No. 10, Thirteenth street west, from Pennsylvania avenue to F street north.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Lins. feet	Price per foot.	Amount.	Grading. Yards	Price per yard.	Amount.
Stewart & Co.	284	\$0 80	\$227 20	139	\$0 25	\$33 00	161	\$1 22	\$196 42	95	\$0 20	\$19 00
Do	20	30	8 70				8	15	1 20			
Do			21 47				184	19	92 08			
L. S. Filbert	2,495	1 00	2,495 00				1,535	25	383 75	2,986	30	895 80
Do							1,294	1 20	352 80			
Do							9 410	25	2 35			
Do							9 410	25	2 35			
Do							49	2 05	100 45			
Do							21	40	8 50			
Do												
Henry McLinden												
Additions in office of assessments.												
Add material relaid, put up to full board prices for draw backs												
Add lateral water service												
Add 5 per cent. on \$12,927.56												
Add board of public works												

Statement of expenditures received from the board of audit, to correspond with special assessment No. 11, E street north, from Fifth street to Seventh street west.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old cub. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
George Follanbee	533	\$1 00	\$533 00	230	\$0 25	\$57 50	86	\$1 90	\$103 20	7,111	\$0 40	\$2,844 40
Do							170	1 90	324 00			
Do							1,877	1 42	2,685 34			
Do							186	2 05	381 30			
Do								1 12	20 32			
Do												
H. R. Noble.	377-10	1 00	377 10									
Francis Mobun.	293-10	1 00	293 10				176-10	60	10 56			
John E. Kendall												
Walter H. Smith	431-9	1 00	431 11				19	1 00	19 00			
Thomas L. Hume.												
Daniel Hannan.												
Albert Gleason.	785-4-9	1 00	785 44				230	1 42	326 60	737	30	218 10
Do							51	2 05	104 55			
Do							4	2 05	8 20			
Do												
<i>Additions in office of assessments.</i>												
Add material relaid, put up to full board price												
Add lateral water-service												
Add lateral sewer-service												
Add Board public works												
Add 5 per cent on \$33,330.61												

To whom paid,

Additions in office of assessments.

Add one-half intersection of streets for assessment.....	
Add difference material relaid, put up full board price for drawbacks.....	
Add board of public works.....	
Add 5 per cent on \$44,717.81.....	

To whom paid.

Additions in office of special assessments.

Add one-half intersections lateral streets
 Add old material—credited on assessment
 Add lateral water-service
 Add lateral sewer-service
 Add 5 per cent. on \$32,371.96

Statement of expenditures on F street south, from Seventh street to Water street west—Continued.

To whom paid.	Haul	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
<i>Additions in office of assessments.</i>	<i>Yards.</i>						<i>Yards.</i>			\$660 00					\$660 00
Board of public works.....															1,145 00
Add one-half intersection of lateral streets.....															9,343 86
Add old material credited on assessment.....															1,211 69
Add 5 per cent. on \$94,933.55.....															96,478 74
Total, as per tabular statement.....															

Statement of expenditures received from the board of audit, to correspond with special assessment No. 15, Delaware avenue, from B street to C street north.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	<i>Sq. yds.</i>			<i>Sq. yds.</i>			<i>Lin. feet.</i>			<i>Yards.</i>		
Bartlett & Co.....												
R. G. Campbell.....												
Do.....												
W. C. Whitney.....							986	\$1 43	\$1,400 13	3 180	\$0 40	\$1,973 00
Do.....										4 639	\$0 30	1,397 70
Do.....												
Do.....												
Simon Carmody.....	1,980 73	\$1 00	\$1,980 73				31	85	17 85	1,603 67	30	481 10
Do.....							1,024 9	1 30	\$1,234 06	1,341 33	40	536 53
Do.....							70 2	65	51 48			

Additions in office of assessments.

	Baul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
<i>To whom paid.</i>	<i>Yards.</i>			<i>Sq. yds.</i>			<i>Yards.</i>								
Bartlett & Co.....	\$1,430 96	.....	.....	.....	\$1,430 96
R. G. Campbell.....	\$331 80	331 80
W. C. Whitney.....	9,705	\$0 36	\$3,543 30	2,799	\$3 50	\$9,796 50	.....	.....	.....	.....	.....	.....	.....	845 30	845 30
Do.....
Do.....
Do.....
Simon Carmody.....	2,945	15	441 75	.....	.....	.....	4,130	\$0 50	\$2,065 00	.....	25 00	.....	.....	130 08	130 08
Do.....	145 75	145 75
Do.....
Do.....
Less from Carmody's bill, (inferior parking).....	6,538 12
<i>Additions in office of assessments.</i>
Add one-half intersection of lateral streets.....	27,129 53
Add old material credited on assessment.....	938 36
Add 5 per cent. on \$28,374.27.....	26,171 47
Total, as per tabular statement.....	1,884 40
	318 40
	1,418 70
	29,792 97

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Additions in office of assessments.

Add lateral-sewer service

Add at North Capitol street ..

Add one-half intersections of

lateral streets
Add old material credited on

And old material credited on assessment.....

Add 5 per cent. on \$57,712.39...

Total as now taken for statement

Total, as per tabular statement

15 C D

Additional to office of assessments					17, 050 30
Add following material.....					17, 740 95
Add one-half intersections lateral streets.....	100	3 50	600 50	60 50 30 00	1, 000 10
Add old material credited on assessment.....					630 50
Add 5 per cent on \$17,793 93.....					435 98
Add lateral water service.....					480 80
Add lateral sewer service.....					303 55
Total, as per tabular statement.....					151 25
					21, 142 19

Statement of expenditures received from the board of audit, to correspond with special assessment No. 18, Columbia street, from O street to Q street north.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
William Reynolds.....	343	\$0 80	\$274 40	4 1/4	\$0 30	\$1 35	Lin. foot. 335 1/4	\$0 30	\$100 65	222	\$0 20	\$44 40
Do.....			6 17	14	12	1 06	327	12	30 24			
Do.....			31 50				334	23	63 50			
Do.....	109	55	59 95				327	23	75 21			
Do.....							40	20	15 00			
A. S. Richards.....							1, 140	20	228 00			
C. G. Thomas.....												
J. V. W. Vandenburg.....							691	1 50	836 20			
Do.....							617	1 25	264 25			
Do.....							98	13	14 70			
Mrs. Schoolcraft.....	10	1 00	10 00	70	25	17 50						
Additions in office of assessments.....												
Add one-half intersections lateral streets.....												
Add old material credited on assessment.....												
Add 5 per cent on \$12,623 65.....												

Statement of expenditures on Columbia street, from O street to Q street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
William Reynolds	Yards.			8 1/2 yds.			Yards.								
Do															
Do															
Do															
Do															
Do															
Do															
A. S. Richards															\$718 05
C. G. Thorn															15 00
J. V. W. Vandenburg															928 00
Do															1, 035 35
Do															
Do															
Mrs. Schoolcraft				2, 883	\$3 20	\$8, 585 60									9, 633 75
Do															97 50
Do															11, 677 65
Additions in office of assessments.															
Add one-half intersections lateral streets.															372 00
Add old material credited on assessment															580 00
Add 5 per cent on \$12, 629.65															631 48
Total, as per tabular statement															13, 861 13

[illegible]

To whom paid.

To whom paid.

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Statement of expenditures received from the board of audit, to correspond with special assessment No. 21, S street north, from Fourteenth street to Sixteenth street west.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
Brainard & Birdsell	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
Brennan & Hutton												
Do												
Do												
Frank McGhan	9,411	\$1 90	\$2,411 00	876	\$0 25	\$219 00	512	\$1 20	\$614 40	3,907	\$0 30	\$1,172 10
S. C. Wroe							93	25	23 25			
Do							18	2	36 90			
Do							18	30	54 00			
Do							1,978 5	20	395 60			
Do							1,978	25	494 50			
Do												
J. V. W. Vandenberg												
George W. Goodall												
W. H. Chase												
<i>Additions in office of assessments.</i>												
Add lateral water-service, auditor's report												
Add lateral sewer-service, auditor's report												
Add one-half intersections lateral streets												
Add old material, credited on assessment												
Add board of public works												
Add 5 per cent on \$23,414.65												

[illegible]

Additions in office of assessments.

Add lateral water-service, auditor's report.....

Add lateral sewer-service, au-
 ditor's report.....

Add one-half intersections lateral streets

Add old material, credited on assessment

Add board of public works . . .
Add 5 per cent. on \$28,414.63 . . .

Total, as per tabular statement.

Statement of expenditures received from the board of audit, to correspond with special assessment No. 22, E street, from Thirteenth street to Fourteenth street west.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
P. Brennan
Do
G. W. Goodall
Do
L. S. Filbert
Do	1,845	\$1 00	\$1,845 00	905	\$0 95	\$851 25	464	\$0 60	\$278 40	.....	.....	.....
Do	464	20	92 80	464	19	88 16	.....	.....	.....
Do	889	1 42	1,265 58	.....	.....	.....
Do	945	92	870 90	.....	.....	.....
Do	92	40	37 60	.....	.....	.....
Do	4	9 05	36 20	.....	.....	.....
Do	6	2 05	12 30	.....	.....	.....
Do
D. Hudnell
Do
<i>Additions in office of assessments.</i>
Add one-half intersection of lat- eral street
Add old material credited on assessment
Add 5 per cent. on \$19,692.42

To whom paid.	Haul	Amount	Pavement (cur- riage-way)	Price per yard	Amount	Sodding	Price per yard	Amount	Trees (amount)	Sewers (amount)	Coping and steps	Iron fence	Miscellaneous amount	Total amount
	Yards.					Yards.				\$1,919 25				\$1,919 25
P. Brennan .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$228 75	228 75
Do .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10 00	10 00
G. W. Goodall .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	451 85	451 85
Do .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	138 00	138 00
L. S. Filbert .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	.....	.....	8 75	\$3 50	\$2 719 50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	.....	.....	3 065	50	1 533 50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
D. Hudnell .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122 23	122 23
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71 13	71 13
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14 906 76
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	129 23
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17 847 96
<i>Additions in office of assessments</i>														
Add one-half intersection of lat- eral street														906 50
Add old material credited on assessment														937 96
Add 5 per cent on \$19,692.43														944 03
Total as per tabular statement														20,677 04

<i>Additions in office of assessments.</i>									
Add one-half intersections of lateral streets	.....	.....	.....	.....	.....	.....	.....	.....	\$229 10
Add old material credited on assessments	.....	.....	.....	.....	.....	.....	.....	.....	1,060 70
Add 5 per cent. on \$10,889.70	.....	.....	.....	.....	.....	.....	.....	.....	544 19
Total, as per tabular statement	.....	.....	.....	.....	.....	.....	.....	.....	11,436 82

Statement of expenditures received from the board of audit, to correspond with special assessment No. 24, C street south, from Third street to Fourth street east.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
Peter McNamara	904	\$0 80	\$725 20	981	\$0 25	\$245 25	750	\$1 20	\$936 00	2,052	\$0 30	\$615 60
Do	141	55	77 73	19 7-9	50	9 80	18	9 05	36 80	1,318	40	539 20
Do	343	60	205 80	.....	.....	.....	562	35	196 70	.....	.....	.....
Do	.....	.....	146 85	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Additions in office of assessments.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Add old material credited on assessments	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Add board of public works	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Add 5 per cent. on \$6,566.96	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Statement of expenditures on C street south, from Third street to Fourth street east—Continued.

[illegible]

Statement of expenditures received from the board of audit, to correspond with special assessment No. 25, C street south, from Sixth street to Seventh street east.

[illegible]

[illegible]

Statement of expenditures on B street north, from Delaware avenue to First street east—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Albert Gleason.....	Yards.						Yards.							\$2,514 87	\$2,514 87
Do.....	Do.....						Do.....								
Do.....	Do.....						Do.....								
Do.....	Do.....						Do.....								
Do.....	Do.....						Do.....								
John O. Evans.....															2,150 23
Samuel C. Wroe.....				4,410 23	\$3 20	\$14,114 40									14,114 40
M. J. Laughlin.....	1,740	\$0 17 1/2	\$304 50				1,187	\$0 50	\$593 50						14,640 40
Additions and deductions in office of assessments.															13,075 25
Deductions to be added to intersections of lateral streets.															32,405 15
Add old material credited on pavement.....															3,606 40
Add board of public works.....															22,888 75
Add 5 per cent on \$16,075.09.....										\$144 00					118 59
Total, as per tabular statement.															144 00
															803 90
															29,955 14

To whom paid.

Additions in office of assessments.

Add one-half intersections of

lateral streets

Add old material, credited on

**assessment
Add 5 per cent. on \$11,116.69**

Statement of expenditures on Union street south, from Fourth-and-a-half street to Sixth street west—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
William Buckley	Yards.						Yards.								\$341 70
Do	Do						Do								336 00
J. G. Stafford	Do						Do								
Do	Do						Do								
Do	Do						Do								
Do	Do						Do								3,983 40
Do	Do						Do								
Do	Do						Do								
Do	Do						Do								
Do	Do						Do								5,286 36
Do	Do						Do								960 76
Do	Do						Do								10,108 92
<i>Additions in office of assessments.</i>														\$280 76.	
Add one-half intersections of lateral streets															307 50
Add old material credited on assessment															700 87
Add 5 per cent. on \$11,116.69															555 83
Total, as per tabular statement.															11,672 92

Statement of expenditures received from the board of audit, to correspond with special assessment No. 23, Maryland avenue east, from First street to 175teenth street east.

[illegible]

Additions in office of assessments.

Statement of expenditures received from the board of audit, to correspond with special assessment No. 30, F street north, from Fifth street to Fifteenth street.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
John Chapman	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
C. W. Kohn												
Z. Jones												
William Whelan												
Do												
Mary Wendall												
M. C. Havenner												
Andrew McKenna												
Do	4	83 00	\$31 50	443	80 25	\$110 50	196	\$0 85	\$166 60	239	\$0 30	\$68 70
L. S. Filbert	3,950.58	1 00	3,959 58	4,121	25	1,030 15	197 1/2	30	59 25	23,417	50	11,708 50
Do	60.93	12	7 31	137	1 50	203 59	264	1 42	37 63			
Do							51 1/2	1 42	73 13			
Do							466.84	1 20	560 20			
Do							94	20	19 47			
Do							94	20	19 47			
Do							13 1/2	20	25 42			
Do							34	30	1 05			
Do							19	30	5 70			
Do							7	30	2 10			
Do							163 1/2	25	40 87			
Do							636 1/2	20	127 30			
Do							204.25	15	30 63			
Do							2,897.74	25	724 23			
Do							83 1/2	30	25 05			
Do							1,016	25	479 00			
Do												
Do												
Do												
F. H. Hill												
Albert Gleason	802	1 00	802 00				1,782	1 42	2,530 44			
Do							43	1 20	50 40			
Do							725	20	217 50			
Do							95	20 05	51 25			
Do							57	20 05	116 85			
Do												
Do												
Do	343	1 00	343 00							622	30	186 60

THE DISTRICT OF COLUMBIA.

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Statement of expenditures on F street north, from Fifth street to Fifteenth street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Amount.	Trees, (amount).	Sewers, (amount).	Copings and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Add's in office of ass'ts.—Cont'd.	Yards.						Yards.									\$566 96
Add lateral water-service																182 59
Add lateral sewer-service																201,048 95
Total, as per tabular statement.																

Statement of expenditures received from the board of audit, to correspond with special assessment No. 31, Maryland avenue, from First street to Third street west.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
Gallaher & Co.	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
Page & Fletcher												
W. H. Fitzhugh	9,609	\$0 34	\$3,266 04	1,787	\$0 34	\$607 58	1,504	\$1 42	\$2,135 66	3,327 1/2	\$0 40	\$1,331 00
Joseph H. Fletcher							114	2 05	233 70	2,498	30	728 40
Page & Fletcher												
Do.												
George Beavell	1,654.45	1 00	1,654 15									
Do.												
Deduct from Page & Fletcher												
Additions in office of assessments.												
Add old material, credit on assessments												
Add 5 per cent. on \$2,060.45												

To whom paid.	Haul.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Gallaher & Co.....	Yards.	.....	.....	.....	.....	Yards.	.....	.....	.....	\$1,592 98	.....	.....	.....	\$1,592 98
Page & Fletcher.....	\$76 79	76 79
W. H. Fitzhugh.....	239 10	239 10
Joseph H. Fletcher.....	3,873 93
Page & Fletcher.....	5,955	\$3 10	\$18,460 50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	22,160 88
George Boswell.....	2,428	\$515 95	.....	.....	.....	2,430.32	\$0 50	\$1,215 16	.....	.....	250 28	.....	.....	4,113 86
Do.....	250 28
Deduct from Page & Fletcher.....	32,307 61
Additions in office of assessments.....	1,191 00
Add old material credit on assessments.....	126 26
Add 5 per cent. on \$308,045.....	104 02
Total as per tabular statement.....	31,347 89

Statement of expenditures received from the board of audit, to correspond with special assessment No. 33, Corcoran street north, from Thirteenth street to Fourteenth street west.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
F. S. Lamson							1,160	\$1.42	\$1,647.20	1,400	\$0.30	\$420.00
Ballard Paving Company												
S. C. Wroe	804	\$1.00	\$804.00				951	.20	190.20	254	.30	76.20
Do.							373	.25	93.25			
F. S. Lamson												
Additions in office of assessments.												
Add board of public works												
Add 5 per cent. on \$12,866.57												

To whom paid.	Haul. Yards.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding. Yards.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
F. S. Lamson	1,400	\$0.25	\$350.00	2,012	\$3.50	\$7,042.00									\$2,417.20
Ballard Paving Company															7,042.00
S. C. Wroe	254	.22 $\frac{1}{2}$	57.15				664	\$0.50	\$332.00						1,552.80
Do.															1,542.57
Do.															
F. S. Lamson											\$1,542.57				12,554.57
Additions in office of assessments.															
Add board of public works										\$312.00					312.00
Add 5 per cent. on \$12,866.57															643.32
Total, as per tabular statement.															13,509.89

Statement of expenditures received from the board of audit, to correspond with special assessment No. 34, Grace street, Georgetown, from High street to Potomac street.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.	
	Sq. yds.															
Thomas Lucas.....	793	\$1 00	\$793 00	Sq. yds. 24 3-10	\$0 25	\$6 07	Lin. feet. 1,163	\$1 42	\$1,651 46	Yards. 3,238	\$0 30	\$971 40				
Do	9	2 00	18 00				45 4-10	2 05	93 07	1,200	1 00	1,200 00				
Alex. Tennant.....																
Thomas Lucas.....																
Additions in office of assessments.																
Add 5 per cent. on above total.																
To whom paid.	Haul	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.	
	Yards.															
	Thomas Lucas.....	4,408	\$0 20	\$881 60	1,328	\$3 50	\$4,648 00	Yards.								\$10 282 60
	Do															10 75
	Alex. Tennant.....															117 61
Thomas Lucas.....															10,390 96	
Additions in office of assessments.																
Add 5 per cent. on above total.																
Total, as per tabular statement.																

To whom paid.

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Statement of expenditures on Market street, Georgetown, D. C., from First street to Third street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Lewis Clephane.....	Yards 1,131	\$0 33½	\$367 57				Yards.								\$3,341 69
Do.....	Do.....														\$377 60
Do.....	Do.....			2,050	\$2 50	\$5,125 75									5,195 75
Do.....	Do.....														72 75
Ballard Paving Company.....															11,392 95
Add error in total expenditures included in assessment.....															54 43
Additions in office of assessments.....															
Add board of public works.....										\$318 00					318 00
Add one-half intersections of lateral streets.....															175 00
Add 5 per cent on \$11,871.38.....															593 58
Add lateral sewer-service.....															45 57
Total, as per tabular statement.....															12,510 53

Statement of expenditures received from the board of audit, to correspond with special assessment No. 36, Prospect street, Georgetown, from High street to Market street.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
David Koppel.....	Sq. yds. 2,006.38	\$1 00	\$2,006 38	Sq. yds. 2,006 38	\$1 00	\$2,006 38	Len. feet 1,765.7	\$1 42	\$2,507 29	Yards. 5,839.46	\$0 30	\$1,751 54

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Statement of expenditures received from the board of audit, to correspond with special assessment No. 38, First street, Georgetown, from Fayette street to High street.

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Statement of expenditures on First street, Georgetown, from Fayette street to High street — Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous.	Total amount.
John O. Evans....	Yards.			5 834 4-9	\$3 50	\$20,490 55	Yards.				\$3,502 93				\$20,490 55
Addison & Garrity....															8,502 92
Do															305 90
Do														\$14 28	305 90
Do														305 97	305 97
Do															14,142 84
Do	6,140 40 12 1/2		\$767 00												14,142 84
Do															1,582 40
Do															55 60
Alex. Tennant....															13 05
R. R. Shokell & Son															106 00
F. H. Rainey															69 40
J. S. Welsh															233 86
S. G. Lockerman															94 14
Additions in office of assessments.														51 48	45,774 73
Add 1/2 intersection streets															115 80
Board of public works										\$570 00					570 00
Add 5 per cent. on \$36,587.71															1,829 38
Add lateral water-service															1,829 38
Add lateral sewer-service															473 91
Total as per tabular statement.															50,043 91

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb. Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
C. Clarke & Co.												\$1,003 30
Payroll											\$0 30	\$1 00
J. O. Evans.										70		
William Fletcher.	3,071	\$0 80	\$2,456 80	76	\$0 25	\$19 00	1,664	\$0 95	\$1,560 80	46,568	30	13,970 40
Do	41	1 60	65 60				561	1 30	53 30	5,607	15	841 05
Do	1,115	55	613 25				545	2 05	136 25			
Do			387 27				944		184 24			
Do												
Do												
W. A. Wilson.												
William Fletcher.			49 30									
P. Brennan												
Do												
Do												
John Barry												
Do												
Do												
Do												
A. McIntosh.	1,748	1 00	1,748 00	110	25	27 50	1,309	25	327 25	2,192	40	876 80
Do							60	85	51 00	660	30	196 00
Do							923	1 90	967 60			
Do							36	2 05	53 30			
Lewis Clephane												
Evans Concrete Company												
Do												
Do												
Do												
P. J. Burke												
A. S. Richards.												
Do												
Do												
P. J. Burke.												
Page & Fletcher												
Do												
W. Dayton												
W. M. Stewart.												

Statement of expenditures on P street north, from New Jersey avenue to Rock Creek—Continued.

To whom paid.	New brick. Sg. yds.	Price per yard.	Amount.	Old brick. Sg. yds.	Price per yard.	Amount.	Sodding. Yards.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
A. S. Richards.															
Do															
Page & Fletcher.	11,488 7-9	\$1 00	\$11,488 77	3,331 6-9	\$0 25	\$832 91									\$6,753 68
Do	51	60	30 60												5,986 92
Do															
Do															
Do															
Do															
Do															
Deduct inferior parking on bill of Page & Fletcher.															
Ames, Fay & Co.															
John Barry.															
Owen O'Hare.															
William A. Wilson.															
Owen O'Hare.															
Additions in office of assessments.															
Add one-half intersections of lateral streets.															
Board of public works.															
Add old material credited on assessments.															
Add lateral water-service assessments.															
Add 5 per cent. on \$211,446.09.															
To whom paid.															
C. Clarke & Co.															\$1,003 90
Pay roll.															602 50
J. C. Evans.															

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Statement of expenditures on P street north, from New Jersey avenue to Rock Creek—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Amount.
<i>Additions in office of assessments.</i>	<i>Yards.</i>							<i>Yards.</i>								
Add one-half intersections of lateral streets.....																\$2,155 00
Board of public works.....																3,720 00
Add old material, credited on assessment.....																7,424 34
Add lateral water-service.....																2,309 88
Add 5 per cent. on \$311,446.09.....																10,573 30
Total as per tabular statement.....																303,198 66

Statement of expenditures received from the board of audit, to correspond with special assessment No. 40, Q street north, from Fourteenth street to Sixteenth street west.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
<i>Sq. yds.</i>				<i>Sq. yds.</i>			<i>Lin. feet.</i>			<i>Yards.</i>		
J. P. Cranford.....	3,003.06	\$1	\$3,003 06				2,389.9	\$0 95	\$2,270 40	12,303.24	\$0 30	\$3,691 00
Do.....							28	2 05	57 40			
Do.....							9	2 05	18 45			
Do.....							120.5	47	56 63			
Deduct from above bill inferior parking.....												
J. W. Anderson.....												
Do.....												
Do.....												
A. M. Richards.....												

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
<i>To</i>															
<i>D. Hannan</i>															
<i>Charles Cook</i>															
<i>Additions in office of assessments.</i>															
<i>Board of public works.</i>															
<i>Add old material credited on assessments.</i>															
<i>Add one-half intersections of lateral streets.</i>															
<i>Add 5 per cent. on \$32,912.94.</i>															
<i>To whom paid.</i>															
<i>J. P. Crawford.</i>	<i>Yards.</i>														
<i>Do</i>	12,303.34	224	\$2,768.25	4,405.75	\$3.90	\$15,378.40	4,522.03	\$0.50	\$2,261.01						
<i>Do</i>															
<i>Do</i>															
<i>Deduct from above bill inferior parking.</i>															\$29,504.60
<i>J. V. W. Vandenberg.</i>															755.25
<i>Do</i>															
<i>Do</i>															
<i>A. S. Richards.</i>											\$9,437.38			\$98.00	95,749.35
<i>Do</i>														9,437.38	9,437.38
<i>Do</i>														98.00	98.00
<i>Do</i>														10.93	10.93
<i>Do</i>														239.94	239.94
<i>Do</i>														190.00	190.00
<i>D. Hannan.</i>														1,397.05	1,397.05
<i>Charles Cook.</i>												\$22.67			1,397.05
<i>Additions in office of assessments.</i>															
<i>Board of public works.</i>															
<i>Add old material credited on assessments.</i>										\$588.00					40,075.33
<i>Add one-half intersections of lateral streets.</i>															
<i>Add 5 per cent. on \$32,912.94.</i>															588.00
<i>Total as per tabular statement.</i>															1,064.43
															486.00
															1,540.62
															43,884.36

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Wood fence.	Miscellaneous amount.	Total amount.
	Yards.						Yards.								
Pay roll.....	Do.....														\$395 62
Do.....	Do.....														360 08
Do.....	Do.....														363 99
D. Hannan.....	Do.....														94 36
Evans Concrete Company.....	Do.....														696 82
D. Hannan.....	Do.....														8 54
M. J. Laughlin.....	Do.....														53 52
Evans Concrete Company.....	Do.....														364 00
Do.....	Do.....														697 38
Do.....	Do.....														159 82
Do.....	Do.....														114 00
Do.....	8,144	\$0 13	\$1,058 72	4,641	\$3 30	\$14,851 20									23,510 32
Do.....	Do.....														4,015 22
Do.....	Do.....														183 47
George B. Abrams.....	Do.....														153 47
S. C. Wyco.....	Do.....														53 56
O. O'Hare.....	Do.....														3 00
M. J. Laughlin.....	1,639	374	619 00				3,265	\$0 50	\$1,639 50						1,418 77
Do.....	4,434	394	1,441 05												
Do.....	1,915	30	574 50												
Do.....	Do.....														
Do.....	Do.....														
Do.....	Do.....														
H. V. Colton.....	Do.....														16,400 13
Manhattan Paving Company.....	849	262	222 86	2,852	3 50	9,988 00	550	50					1,194 25	285 00	16,235 00
Do.....	Do.....														
Do.....	Do.....														
Do.....	Do.....														14,945 62
Do.....	Do.....														49 20
Do.....	Do.....														212 00
Do.....	Do.....														65,439 25

Add board of public works
Add old material credited on
account of
Add deduction & intervention of
H street assessed in said street.

Statement of expenditures on Twenty-second street west, from E street to M street north—Continued.

[illegible]

Statement of expenditures received from the board of audit, to correspond with special assessment No. 42, Sixth street west, from Louisiana avenue to G street north.

[illegible]

	97½	50'	48' 6"		
Rose O'Brien Total, \$47.34; less inferior work on above bill \$2.70					44 63
E. Cullinane	84	50	37 17		45 17
W. W. Moore	\$33.03	50	116 61		
Do				199 00	
Total, \$390.59; deduct on account of above bill paid by certificate to correspond with statement of expendi- tures, \$116.81					
<i>Additions in office of assessments.</i>					963 71
					43, 777 78
<i>Add one-half intersections of arterial streets</i>					
<i>Add public works</i>					2, 327 39
<i>Add old material worked on assessment</i>					588 00
<i>Add 5 per cent on \$45,500.52</i>					2, 965 70
					2, 877 52
Total as per tabular statement..					51, 966 39

Statement of expenditures received from the board of audit, to correspond with special assessment No. 43, F street south, from Fourth-and-a-half street to Seventh street west.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Liv. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
George W. Goodall												
John G. Stafford												
Do.												
Do.												
Do.	2,312.27	\$1.00	\$2,312.27				26.2	\$0.75	\$19.65	562.99	\$0.30	\$168.89
Do.							30	85	25.50	3,027.55	\$0.40	1,211.02
Do.							27.6	75	20.70			
Do.							168	1.20	201.72			
Do.							1,770.2	1.42	2,513.68			
Do.							101	95	9,652			
Do.							75.7	2.05	155.18			
Do.							54	12	6.48			
G. W. Goodall				416	\$0.25	\$104.00						
Do.				28	37	10.36						
Do.												
Evans Concrete Company												
George W. Goodall												
Additions in office of assessments.												
Add one-half intersections of lateral streets												
Add board of public works												
Add old material credited on assessment												
Add lateral water-service												
Add lateral sewer-service												
Add 5 per cent. on \$27,278.04												

[illegible]

Statement of expenditures received from the board of audit, to correspond with special assessment No. 44, Sixth street west, from New York avenue to Boundary street.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
Finnegan & Needell.....	13,093.1	\$1 00	\$13,093 01	1,606	\$0 25	\$401 50	816.5	\$1 42	\$1,159 43	15,231.2	\$0 40	\$6,092 48
Do	194.6	60	119 16	1,139			139	85	118 15	12,611	30	3,783 45
Do	355.7	1 00	355 70	1,050.5			1,050.5	1 90	1,971 40			
Do							1,081.5	95	1,027 42			
Do							112.5	2 05	230 62			
Do							4,530	1 42	6,442 87			
Do							66.25	2 05	135 81			
Deduct from above bill for inferior parking												
Finnegan & Needell.....	37.5	1 00	37 50				9224	1 42	338 55			
Do												
Do												
Do												
Do												
Do												
Do												
John Berry												
R. Fitzmorris												
H. V. Colton												
Additions in office of assessments.												
Add one-half intersections of lateral streets												
Add board of public works												
Add old material credited on assessment												
Add lateral water-service												
Add lateral sewer-service												
Add 5 per cent on \$115,280.54												

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Wood fence.	Miscellaneous amount.	Total amount.
Finnegan & Neidell.....	Yards. 23,754	\$0 47	\$11,283 15	15,683 49-100	\$3 50	\$54,899 21	Yards. 11,059 16	\$0 50	\$5,529 52						
Do	12,902	26	3,356 88				394 59	50	197 44		\$446 76				
Do															
Do															
Do															
Do															
Do															
Do															\$110,384 02
Deduct from above bill for inferior parking.....															
Finnegan & Neidell.....															982 58
Do															109,421 44
Do															5,854 52
Do															2,316 95
Do															1,592 95
Do															\$1,592 95
Do															89 68
Do															154 07
Do															1,313 11
Do															88 26
Do															125 00
John Berry.....															1,193 58
R. Fitzmorris.....															627 20
H. V. Colton															123,776 76
Additions in office of assessments.															
Add one-half intersections of lateral streets.....															575 00
Add board of public works.....										\$1,890 00					1,890 00
Add old materials credited on assessment.....															1,401 78
Add lateral water-service.....															2,789 48
Add lateral sewer-service.....															218 70
Add 5 per cent. on \$115,280.54.....															5,764 03
Total, as per tabular statement.....															135,408 75

Statement of expenditures received from the board of audit, to correspond with special assessment No. 45, H street north, from First street to Fifteenth street east.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
Payroll												
Andrew Gleason	14,719	\$1 00	\$14,719 00	1,401	\$0 25	\$350 25	54	\$2 05	\$110 70	19,977	\$0 30	\$5,993 10
Do	9,098	60	5,458 80				11,914 5	15	1,772 17	12,394	40	4,956 80
Do							17 5	9 05	35 87	2,186	15	327 90
Do							306	9 05	627 50			
Do							159	2 05	325 95			
Do							8 5	30	254 60			
Do							4,640	43	201 52			
Total, \$97,336.58; less, did not amount for entered into as- essment, bill changed by al- tering price of blue rock, re- ment, board of audit, \$7,678.25												
Andrew Gleason												
Do												
O. O'Hare												
Additions in office of assessments.												
Add old materials credited on assessment												
Add materials of public works												
Add board of public works												
Add 5 per cent. on \$92,633.06												
Add lateral water-service												

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Tree, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.						Yards.								
Pay-roll	32,201	\$0 12 6	\$3,864 19	30,715	\$1 75	\$53,751 25								\$718 00	\$718 00
Andrew Gleason															
Do															
Do															
Do															
Do															
Do															
Do															
Total, \$87,336.58; less deduct amount not entered into assessment, bill changed by altering price of blue rock pavement in board of audit, \$7,678.35														3,911 68	89,657 83
Andrew Gleason														1,684 75	3,211 98
Do														1,844 00	884 75
Do														215 00	1,844 00
O. O'Hare															215 00
															96,271 26
<i>Additions in office of assessments.</i>															
Add old material credited on assessments															4,811 80
Add board of public works										\$3,342 00					3,342 00
Add 5 per cent. on \$92,633.08															4,631 65
Add lateral water-service															9,923 06
Total as per tabular statement.															118,960 37

[illegible]

Statement of expenditures received from the board of audit, to correspond with special assessment No. 47, Seventh street west, from B street to Q street north.

[illegible]

Statement of expenditures on Seventh street west, from B street to Q street north—Continued.

To whom paid.	New brick. <i>Sq. yards.</i>	Price per yard.	Amount.	Old brick. <i>Sq. yards.</i>	Price per yard.	Amount.	New and old curb. <i>Lin. feet.</i>	Price per foot.	Amount.	Grading. <i>Yards.</i>	Price per yard.	Amount.
J. V. W. Vandenburg												
A. S. Richards												
Stephen Talty												
Albert Gleason	594	\$1 00	\$594 30	50	\$0 25	\$12 50	1 125	\$1 20	\$1,350 00	5 3	\$0 30	\$159 90
J. E. Gregg							2 648	1 20	3,177 60	4 644		1,383 20
Do							8	15	1 20	2 501		1,350 50
Do							19	2 05	38 95			
Do							47	2 05	96 35			
Do							9	30	2 70			
Do												
L. S. Filbert												
Do												
John O. Evans												
Albert Gleason	784	1 00	784 00				1 080	1 42	1,532 80			
Do								2 05	58 45			
Do							334	40	133 60			
Do												
W. H. Fitzhugh												
Barker & Maxwell												
Do	8 985	34	3,020 90									
Do												
Evans, Bros. & Co												
J. V. W. Vandenburg	3,904	1 00	3,904 00				5 037	1 42	7,159 54	18 438	50	9,329 00
Do	37	12	4 44				981	30	84 30			
Do							86	30	29 40			
Do							34	30	10 20			
Do								2 05	184 75			
Do							15	30	4 50			
Do												
Do												
Do												
J. E. Gregg												
Do												
O. O'Hare												
G. F. Schaffer												
J. V. W. Vandenburg												
D. Hannan												
J. V. W. Vandenburg												
John Barry												

M. F. Rowan	65 5-9	1 00	45 33	86	30	33	30	9 90
R. Abertson	183	1 00	145 00					
Johnnie Kolb	47 4-9	1 00	47 44					
Albert Gleason	123 5-9	1 00	125 56					
M. Crane	51 2-3	1 00	51 67					
R. S. T. Cissell	147 5-9	1 00	147 55					
Mrs. S. Falconer	37	1 00	37 00					
George Becker	50	1 00	50 00					
Mrs. A. D. Chase	45 5-9	1 00	45 55					
Stephen Hartbrecht	19	1 00	19 00					
Robert Bertheloh	26	1 00	26 00					
Joseph Gatto	43 1-3	1 00	43 23					
Michael Ruppert	42	1 00	42 00					
W. Shoemaker	30 2-9	1 00	30 22					
John M. Casari	76 88-100	1 00	76 88					
J. Soter	38 2-10	1 00	38 45					
Evan Pickrell	71 9-10	1 00	71 90					
J. H. Stone a	151	1 00	146 47					
J. R. Casari	911 89-100	1 00	917 40					
Mary Kraft b	116 18-100	1 00	91 79					
David Stinzang	43 86-100	1 00	43 86					
Owen Leidy c	241 19-100	1 00	102 76					
Joseph Weyrich d	36 1-100	1 00	36 10					
James F. Jackson e	28 38-100	1 00	28 45					
John Ardesner	33 84-100	1 00	30 94					
Breton Brothers f	263 72-100	1 00	239 07					
G. Germuller g	45 1-3	1 00	45 33					
Catharine Bloeker h	43 2-9	1 00	43 22					
Catharine Piel i	45	1 00	45 00					
R. H. Taylor k	40 8-9	1 00	40 88					
Mary E. Hughes	41 1-9	1 00	41 11					
Robert Downing	36	1 00	36 00					
Mrs. S. Davis	82	1 00	82 00					
B. F. Hillyard	44	1 00	44 00					
George Bergling	115 7-9	1 00	115 77					
J. N. Ball	35 1-9	1 00	35 11					
R. M. Brown	30 5-9	1 00	30 55					
William Schwing	40 2-9	1 00	40 22					
W. W. Burdette	81 2-9	1 00	81 22					
Frank M. Geier	68 89-100	1 00	68 88					
M. C. Santer	111	1 00	111 00					
Johnston Hellen	170 2-3	1 00	170 67					
C. Christini	23 4-9	1 00	23 44					
R. C. Hewitt	51 4-9	1 00	51 44					
Samuel Norment	28 1-3	1 00	28 33					
Charles Meade								
Horatio Moran								
William Helder, trustee								
John Golden								

Statement of expenditures on Seventh street west, from B street to Q street north—Continued.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb. Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
W. N. Haekamp	35	\$1 00	\$35 00									
Joseph Prather	36 55-100	1 00	36 55									
G. W. Utermehle &	398 88-100	1 00	398 12									
John Walters &	93 2-100	1 00	79 07									
L. S. Filbert												
Do												
Andrew Gleason	806	80	644 80				570 1	\$0 30	\$171 92	550	\$0 20	\$110 00
Do	18	1 60	28 80				570 1	1 12	639 34			
Do	103	1 00	103 00									
Joseph B. Varnum												
Elizabeth M. Ellis												
Mary Zimmerman												
John Sisiel	30 20-100	1 00	30 20									
H. C. Windsor	39 45-100	1 00	39 45									
Columbus Alexander												
Joseph Prather	67 7-9	1 00	67 77									
National Bank Republic	34 2-9	1 00	34 22									
Fitzhugh Coyle	46 1-9	1 00	46 11									
Mrs. B. McKnew	71	1 00	71 00									
Behrens Brothers	37 7-9	1 00	37 77									
W. H. Clagett												
W. W. Burdette	22 2-9	1 00	22 22									
Additional in the office of assessments.												
Add one-half intersections of lateral streets												
Add old material credited on assessments												
Add work done by owners, not heretofore included												
Add lateral water-services												
Add lateral sewer-services												
Add 5 per cent. on \$163,381.70												
			a Deduct \$29.70, interior work.				b Deduct \$13.95, inferior work.					

[illegible]

*** Days' work.**

Statement of expenditures on Seventh street west, from B street to Q street north—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Sq. yds.	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
J. V. W. Vandenberg	Yards.							Yards.				\$5,399 14			\$1,163 97	\$7,566 03
Do												139 58				5,399 14
Do																139 58
Do																1,163 97
J. E. Gregg	Do															943 25
Do																887 09
O. O'Hare	Do															21 00
G. F. Schaffer	Do															405 30
J. V. W. Vandenberg																1,429 84
D. Hannan																878 28
J. V. W. Vandenberg																864 47
John Barry																3,172 25
M. F. Reese																371 61
B. Riordan																65 55
Johanno Kolb																45 33
Albert Gleason																134 90
M. Crane																47 44
R. S. T. Cissell																145 36
Mrs. S. Falconer																51 67
George Becker																147 58
Mrs. A. D. Chase																37 00
Stephen Hartbrecht																45 53
Robert Barberich																36 00
Joseph Gatto																19 00
Michael Ruppert																45 33
W. Shoemaker																49 00
John M. Carnal																34 75
J. Soler																30 93
Ethan Plakrell																286 53
J. H. Stone																70 89
J. R. Casella																94 45
Mary Kraft																71 00
David Stining																146 47
Owen Joddy																167 40
Joseph Weyrich																91 78
James F. Jackson																43 28
John Ardrewer																

[illegible]

Statement of expenditures on Seventh street west, from B street to Q street north—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Paving, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
<i>Additional in the office of assessments.</i>	<i>Yards.</i>			<i>Yards.</i>											\$1,833 00
Add one-half intersections of lateral streets															8,116 00
Add old material credited on assessments														\$1,964 86	1,964 86
Add work done by owners, not heretofore included														1,843 28	1,843 28
Add lateral water-service														1,245 56	1,245 56
Add lateral sewer-service														8,176 08	8,176 08
Add 5 per cent on \$163,521.70															
Total as per tabular statement															256,323 54

Statement of expenditures received from the board of audit, to correspond with special assessment No. 48, Fifth street west, from G street to O street north.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
<i>sq. yds.</i>	<i>sq. yds.</i>			<i>sq. yds.</i>			<i>Lin. feet.</i>			<i>Yards.</i>		
C. C. Thurston	4,533	\$1 00	\$4,533 00				3,533	\$1 48	\$5,045 96	5,193	\$0 30	\$1,536 90
Do							47	85	11 75			
Do							119	1 43	159 04			
Do							9	2 05	166 03			
Do							0	2 05	18 45			
Do							40	15	7 35	1,031	20	496 30
Finnegan & Needell							72	2 05	147 00			

[illegible]

* Deduct \$6.63, inferior work.

Statement of expenditures on Fifth street west, from G street to O street north—Continued.

To whom paid.	Haul	Price per yard.	Amount.	Pavement (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Wood fence.	Miscellaneous amount.	Total amount.
C. C. Thurston.....	Yards 5,123	\$0 52	\$2,659 57	7,369	\$3 90	\$23,644 80	Yards.								
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Finnegan & Needell.....	5,080	47	2,413 00	5,189	3 50	18,160 50	1,813	\$0 50	\$906 50					\$60 30	\$33,971 82
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Robert W. Waters.....	1,909	10	190 03				1,343 17	50	671 58		\$3,138 18			838 79	30,689 47
Total, \$6,882.01; deduct on above bill drawbacks and inferior work, \$684.68.....													\$670 80		3,138 18
H. V. Colton.....											190 30			254 57	6,197 33
Finnegan & Needell.....														180 05	670 80
C. C. Thurston.....														180 05	180 39
Finnegan & Needell.....														264 86	254 57
Do.....														263 57	180 05
Do.....														66 67	180 05
Do.....														133 33	264 86
Do.....														28 00	263 57
W. F. Mattingly.....															66 67
William Lord.....															133 33
Mrs. M. A. Fitzhugh.....															28 00
J. A. Williams.....															28 00
Do.....															28 00
Mrs. L. A. Hoover.....															48 00
Alexander Hume.....															104 04
Mrs. John Foller.....															27 00
John Selfert.....															30 67
Add difference between \$315.60 and \$485.71 as drawback on account of R. Waters.....															34 00
															49 89
															70,545 73

<i>Additions in upper of increments</i>					
Add one-half intersections of lateral streets.....					930 05
Add ward of public works.....					1,500 00
Add old and new material, credit on assessment.....			\$1,500 00		
Add 5 per cent on \$70,015.78.....					3,010 41
Add lateral water-service.....					3,500 78
Add lateral sewer-service.....					1,970 89
					<u>1,378 35</u>
Total, as per tabular statement.....					<u>87,881 41</u>

Statement of expenditures received from the board of audit, to correspond with special assessment No. 49, G street south, from Fourth-and-a-half street west to Water street.

[illegible]

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Statement of expenditures on G street south, from Fourth-and-a-half street to Water street—Continued.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	Price per yard.	Amount.	New and old.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.	Total amount.
	<i>Sq. yds.</i>			<i>Sq. yds.</i>					<i>Lin. feet.</i>			<i>Yards.</i>			
L. C. White		\$1 00	\$6 00												
A. D. Hazen	9 60-100		1 00												
A. G. Young	125	1 00	125 00												
Thomas A. King	64 2-100	1 00	64 02												
Samuel W. Curtis	23	1 00	23 00												
William Ashdown	39 2-3	1 00	39 66												
<i>Additions in office of assessments.</i>															
Add one-half intersections of lateral streets															
Add old and new material, credited on assessments															
Add board of public works															
Add 5 per cent. on \$39,053.66															
Add lateral water-service															
Add lateral sewer-service															
	<i>Haul.</i>	Price per yard.	Amount.	Amount.	Price per yard.	Amount.	Price per yard.	Amount.	Price per yard.	Amount.	Price per yard.	Amount.	Price per yard.	Amount.	Total amount.
	<i>Yards.</i>														
George W. Goodall															\$1,344 73
Do															
Do															
Do															
Do															
Do															
A. C. Chenoweth															80 76
James F. Russell	3,464	\$0 31	\$1,207 60	5,033	\$1 40	\$7,046 20									1,415 70

[illegible]

Deduct \$8.06, inferior work.

b Deduct 18 cents, inferior work.

Additions in office of assessments
Add one-half interest on half interest statement.....
Add board of public works.....
Add 5 per cent on \$18,399.06.....
Total as per tabular statement.....
1,178 70 373 00 918 50 <u>30,348 94</u>

Statement of expenditures received from the board of audit, to correspond with special assessment No. 51, Congress street, Georgetown, from Bridge street to West street.

[illegible]

Additions in office of assessments.

Add one-half interactions of

lateral streets
Add board of public works.....

Add 5 per cent. on \$34,953.48....

Statement of expenditures on Congress street, Georgetown, from Bridge street to West street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Ballard Paving Company	Yards. 863	\$0 11½	\$97 76	Yards. 1,606	\$3 50	\$6,331 00	Yards.								
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	\$8,906 38
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	3,394 30
Joseph F. Collins	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	42 50
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	\$42 50
W. O. Murdoch	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	1,318 87
Do	8,073	32½	2,623 72	2,990 3	3 50	0,466 05	647	\$0 50	\$323 50		1,318 87				1,318 87
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	21,238 24
Do	189 4	24½	46 39	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	946 34
Ballard Paving Company	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	658 65
Alexander Tennant	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	177 92
Walter S. Cox	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	362 55
P. T. Berry	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	156 08
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	179 88
<i>Additions in office of assessments.</i>							73 5-9	50	36 76						37,383 71
Add one-half intersections of lateral streets										534 00					647 50
Add board of public works															534 00
Add 5 per cent on \$34,983.48															1,749 17
Total as per tabular statement.															40,314 38

Statement of expenditures received from the board of audit, to correspond with special assessment No. 152, Washington street, Georgetown, from Iridio to Gay street, and from West to Slodden street.

[illegible]

Statement of expenditures on Washington street, Georgetown, from Bridge to Gay street, &c.—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Yards.	Price per yard.	Amount.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.						Yards.												
Ballard Paving Company.....																			\$14,905 98
Do.....																			240 95
J. F. Collins.....	493.4	\$0.17	\$84.34												\$1,766 15				1,766 15
John Lyons.....																			1,553 56
Do.....	629	\$6.9	169 20																1,506 82
<i>Additions in office of assessments.</i>																			19,363 46
Add one-half intersection of Federal street.....														\$490 00					647 50
Add board of public works.....																			480 00
Add 5 per cent on \$19,350.96.....																			966 54
Total as per tabular statement.....																			21,457 50

Statement of expenditures received from the board of audit, to correspond with special assessment No. 53, New Jersey avenue west, from B street to New York avenue.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
Thomas Joyce.....												
Do.....												
Do.....							643.8	\$1.43	\$914 19			
Z. Jones.....							125.9	.75	94 43	2,618.08	\$0.30	\$785 09
Do.....										3,175.54	.40	1,270 21
Do.....							1,157.3	.95	1,099 43			

Do.....							970.2	9 05	1061.91			
Do.....							351.5	30	53.17			
Do.....							35	30	10.50			
Do.....							390	30	60.00			
W. C. Whitney							1,656.5	1 43	2,355.07			
Do.....							17	30	5.10			
Do.....							11.25	9 05	23.06			
Do.....							17	30	5.10			
Do.....							4.5	2 03	9.23			
A. S. Richards												
Do.....												
Bartlett & Williams			951	\$1 00	\$361 00							
Do.....							330	35	115.50	200	\$0 30	\$60 00
Do.....							800	50	400.00			
Do.....							333	1 30	399.60			
S. C. Wroe			7,740.69	1 00	7,740.69		31	85	96.35	10,991.94	30	3,967.37
Do.....			19.55	70	13.68		496.5	1 30	595.80			
Do.....							147	1 43	208.74			
Do.....							503	2 05	1,031.15			
Do.....							95	2 05	194.75			
Do.....							5	2 05	16.25			
Do.....							70.5	35	94.67			
Do.....							10	48	4.80			
Do.....												
D. Keppell												
James Ragan												
Thomas Joyce												
Thomas Kirby			4,342.56	1 00	4,342.56		1,098	1 30	1,231.20	4,844	30	1,453.90
Do.....							1,098	1 30	1,231.20	8,150	40	3,960.00
Do.....							48	2 05	943.75	6,957	30	2,087.10
Do.....									98.40			
Do.....												
Do.....												
A. S. Richards												
Additional in office of assessments												
Add bill E. Keppell, permit work												

Statement of expenditures on New Jersey avenue west, from B street to New York avenue—Continued.

[illegible]

APPENDIX No. 3 C.—REPORT OF SURVEYOR.

Statement of the expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 55, Rhode Island avenue north, from Connecticut avenue to Boundary street.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
W. H. Mohler												
H. V. Catton												
L. S. Filbert	1,863	\$1 00	\$1,866 66	314	\$0 25	\$5 33	2,089	\$0 20	\$417 60	968	\$0 40	\$386 00
Do							27.4	2 05	56 17			
Do							1,328	1 20	1,594 08	2,302 34	30	680 70
James Reynolds	1,453.97	1 00	1,453 97				20	95	19 00			
Do												
Do												
T. Williams												
Albert Gleason												
H. Murray												
Do	914	80	731 60				716	90	644 40	8,018	20	1,603 60
Do	35		79 20									
Do	132	60										
Hugh McGinnial												
Do												
Gray & King												
F. H. Williams	533	1 00	532 00	472	25	118 00	815	25	203 75	2,820	40	1,128 00
Do										366	30	1,109 80
P. Brennan												
J. S. Baldwin												
Do							1,000	1 20	1,200 00	978	40	391 20
Do							1,444	25	361 00	1,200	30	360 00
Do							25.6	30	7 68			
Do							18.6	2 05	38 62			
Do												
Do												
W. H. Mohler & Co.	1,434	1 00	1,434 00				1,398	1 20	1,677 60	1,636	30	490 80
Do												
Do							50	2 05	102 50			
Do							38	2 05	77 90			
Finnegan & Needell												
Riley & Clark												
J. S. Baldwin	100	0 70	70 00				809.9	1 20	971 68	289	30	86 70
Do							37.4	2 05	75 81	1,588	30	479 40
Do							601.7	1 20	722 04	279	40	111 60
Do							573.1	1 44	825 58			
Do							1,272.4	1 20	1,526 70	7,396	30	2,218 80
Kean Concrete Company												

[illegible]

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Statement of expenditures on Rhode Island avenue north, from Connecticut avenue to Boundary street—Continued.

To whom paid.	Haul	Price per yard	Amount	Pavement (carriage-way.)	Price per yard.	Amount	Sodding.	Price per yard.	Amount	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Wood fence.	Miscellaneous	Total amount.
W. H. Mohler	Yards.						Yards.				\$1,021.38				\$1,021.38
H. V. Colton															
L. S. Filbert	5,779	\$0.424	\$2,456.07	7,776	\$3.50	\$27,216.00	4,440	\$0.50	\$2,220.00				\$372.40	\$65.00	\$372.40
Do															
James Reynolds							1,990.14	50	995.07						34,684.25
Do															
Do															
T. Williams											1,473.33				1,473.33
Albert Gleason															1,473.33
H. Murray															1,091.60
Do															1,701.45
Do															57.60
Do															
Hugh McGinnis	9,647	0.05	332.35												3,075.85
Do															
Gray & King															4,435.35
F. H. Williams	3,166	.434	1,383.87				2,774	50	1,387.00					579.30	4,435.35
Do															
P. Brennan											3,943.88				4,872.42
J. S. Baldwin	4,178	.224	932.25	9,324	3.50	32,684.00									3,943.88
Do															
Do															
Do															
Do															
W. H. Mohler & Co.	1,636	.45	736.20											40.00	35,164.92
Do															
Do															
Finnegan & Needell				3,361	3.50	11,833.50									4,519.00
Riley & Clark															
J. S. Baldwin	4,162	.75.87	1,254.80	4,912.4	3.50	17,193.40								505.72	11,833.50
Do	663	50.62	136.71												86.70
Do															
Do															
Do															
Do															24,632.23

[illegible]

Additions in office of surveyor.

Add one-half intersection of streets suspended for assessment, (audited)

Less inferior work, \$11.28.

Statement of expenditures on Rhode Island avenue north, from Connecticut avenue to Boundary street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	<i>Yards.</i>						<i>Yards.</i>								
Add 5 per cent. for general expenses on \$181,712.61.....															9, 085 62
Deduct rejected bills.....															245, 736 66
do not drawbacks.....															2, 821 49
															242, 915 20
															4, 600 50
															238, 314 70

DISTRIBUTION.

The United States.....	\$36, 051 65
General fund.....	137, 265 50
Property holders, (less drawbacks).....	59, 032 23
One-half intersections to lateral streets.....	15, 965 32
Total.....	298, 314 70

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 56, Maryland avenue, from Third street to Seventh street.

To whom paid.	New brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	<i>Sq. yds.</i>			<i>Lin. feet.</i>			<i>Yards.</i>		
L. A. Bartlett.....	8, 750	\$1 00	\$8, 750 00	4, 123	\$1 42	\$5, 854 86	0, 107 4.9	\$0 40	\$3, 600 98
170.....	8, 750 22-100	70	6, 125 15	170	30	\$01 00	2, 677	30	\$803 10

1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	23
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Statement of expenditures on Maryland avenue, from Third street to Seventh street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (car.	Sq. yds.	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
L. A. Bartlett & Co.	Yards.							Yards.							\$1,536 06	\$1,536 06
G. W. Goodall															124 56	124 56
Add old material															2,791 32	2,791 32
Add cost of trees															522 00	522 00
<i>Additions in surveyor's office.</i>																
Add one-half intersection of Fourth and a-half st. (audited)																
Add 5 per cent. on \$47,658.76																
Total expenditures																56,729 51
																1,381 50
																2,361 94
																62,492 95

DISTRIBUTION.

The United States	\$10,811 63
General fund	33,347 14
Property-holders	\$16,673 56
Property-holders, (water-service)	1,536 06
Property-holders, (sewer-service)	124 56
Total	18,354 18
Property-holders	62,492 95
Less drawbacks	18,354 18
Collectable	171 73
	18,169 46

To whom paid.	New brick Sq. yds. 10,756.48	Price per yard.	Amount	Old brick Sq. yds.	Price per yard.	Amount	New and old curb.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
Albert Gleason.....		\$1 00	\$10,756 48				19,187.7	\$1 49	\$17,306 53	91,563	\$0 40	\$4,634 90
Do.....							154.7	9 05	317 14			
Do.....							51.7	9 05	105 98			
Do.....							113	1 90	135 60			
Do.....							960.7	1 25	240 40			
Less chargeable to Ninth street												
Albert Gleason.....	85.96	1 00	85 96	6.04		\$1 94	61	1 90	73 90	1,472.67	30	441 90
Do.....							13.1	9 25	3 27			
Do.....							47	9 05	9 63			
Do.....							7.8	12	93			
C. C. Scriber.....												
Do.....				81	30	34 30						
Do.....				450	12	54 00						
Albert Gleason.....												
Hamilton & Whitmon.....												
S. S. Rusak.....												
Albert Gleason.....												
G. W. Goodall.....												
W. H. Fitzhugh.....												
Old material.....												
Additions in surveyor's office.												
Add one-half intersection of Twelfth street (audited).....												
Add 5 per cent. on \$2,719.97...												

Statement of expenditures on Maryland avenue, from Seventh street to Potomac River—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Tree, (amount).	Sewer, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.						Yards.								
Albert Gleason.....	15,931	\$0 71 1/2	\$11,460 76	26,598.91	\$3 50	\$85,046 18									
Do.....	5,131	62 1/2	3,219 70	794.02	50	363 01									
Do.....															
Do.....															
Do.....															
Less chargeable to Ninth street.															\$144,575 58
															4,785 99
Albert Gleason.....	1,472.67	12 1/2	184 08												139,792 59
Do.....															
Do.....															
Do.....															
Do.....															
C. C. Sorber.....														\$2,047 48	9,546 59
Do.....														975 00	975 00
Do.....															
Albert Gleason.....															4,158 50
Do.....															9,690 15
Hamilton & Whitmore.....															3,502 44
S. S. Rusk.....															2,915 06
Albert Gleason.....														964 05	964 05
G. W. Goodall.....														650 25	650 25
W. H. Fitzhugh.....														185 00	185 00
Old material.....														256 00	256 00
Do.....														249 97	249 97
Do.....															158,397 60
Additions in surveyor's office.															
Add one-half intersection of Twelfth street, (audited).....															750 00
Add 5 per cent. on \$22,719.07.....															4,135 95
Total expenditures.....															163,983 55

DISTRIBUTION.

The United States	
General fund	\$14,250 00
Property-holders	57,903 95
One-half intersection of streets	98,951 67
	92,176 45
	<u>103,983 53</u>
Property-holders' account	<u>28,951 67</u>
Less drawbacks	665 97
	<u>28,285 40</u>
Collectable	28,285 40

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 58, Eleventh street west, from R street to Boundary street.

To whom paid.	New brick. Sq. yds. 5,286 91 1,590 55	Price per yard.	Amount.	Old brick. Sq. yds. 2,984 86	Price per yard.	Amount.	New and old cub. feet. 1,642 69 4,550 4,550 28 103 4 1,912 3 4,370 2	Price per foot.	Amount.	Grading. Yards. 3,336 5,676	Price per yard.	Amount.
James A. Nelson		\$1 00	\$5,286 91		\$0 25	\$746 21		\$1 20	\$1,970 40		\$0 40	\$1,334 40
Do		70	1,064 38					65	58 65		30	1,709 80
Do								25	1,137 50			
Do								20	910 00			
Do								2 05	57 40			
Do								2 05	211 97			
Do								12	259 48			
Do								12	524 42			
Do												
Pay-roll												
James A. Nelson												
Add old material												
Additions in surveyor's office.												
Add one-half intersection of R st.												
Add one-half intersection of												
Boundary street												
Add 5 per cent. on \$41,767.80												

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To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
R. S. Hulse							6,531	\$1.90	\$7,817.90	13,114	\$0.30	\$3,934.20
Do								1.49	66.74	466		466.00
L. S. Filbert							117	.95	29.95	8,990	30	9,697.00
Do								.95	53.30			
Do							106	2.05	221.40			
Do												
Do												
Do												
Do												
Pay-rolls												
William Dayton												
Do												
Do												
Do												
Samuel Strong												
Samuel C. Wroe												
Hugh Murray	4,094 4-10	\$1.00	\$4,094.40	96 9-10	\$0.95	\$92.58	3,590.5	1.90	3,864.60	61,579	30	18,473.70
Do							62.5	.95	15.93			
Do							35.3	2.05	73.16			
Do							21.3	.30	6.39			
Do							687	.35	240.45			
Do							657	.48	315.36			
Do							253.8	1.90	304.56			
Do	170 43-100	1.00	170.43	94 90-100	.37	34.85	16	.95	4.00			
Do	13	.70	9.10	468 4-10	.60	279.84	80	2.05	31.88			
Do								.35	28.00			
Do								.48	863.04			
Do							1,788			94,516 5-10	30	7,354.95
J. V. W. Vandenberg												
Do												
Hugh Murray												
Old material												
Additional trace												

[illegible]

DISTRIBUTION.

The United States	822,536 89
General fund.....	73,139 78
Property holders.....	38,041 49
Total	106,338 16
Property holders' account.....	38,041 49
Less drawbacks.....	566 23
Collectable	37,475 37

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 60, Twenty-first street west, from E street to Q street.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
William Schooler	Sq. yds. 4,738	\$0 80	\$2,190 40	Sq. yds. 1,639	\$0 25	\$409 75	Lin. feet. 717	\$1 30	\$920 40	Yards 43,000	\$0 30	\$12,900 00
Do	Do	Do	388 00	Do	Do	Do	150	1 30	180 00	9,989	40	1,187 60
Do	Do	Do	Do	Do	Do	Do	3,985	9 25	806 37	500	1 00	500 00
Do	Do	Do	Do	Do	Do	Do	111	9 65	927 53	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	37	30	11 10	Do	Do	Do
Daniel Hannan	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
John Reedy & Co	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
John U. Evans	Do	Do	Do	Do	Do	Do	590 4	1 40	709 60	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	384	1 40	53 90	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
O. O'Hara & Co	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
John Collins	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
John Reedy & Co	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Samuel Strong	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
James O'Hara	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Fowler & Polaski	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
J. A. Blanton & Co	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Albert Gleason	603	1 00	603 00	Do	Do	Do	63	1 30	75 60	959	30	287 90
A. S. Richards	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Vandenberg & Co	Do	Do	Do	Do	Do	Do	1,040 5	1 10	1,477 51	4,982 38	30	1,476 71
Do	Do	Do	Do	69.1	85	17 87	1,403	1 30	1,663 98	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	709	2 05	1,755 50	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	3	2 65	6 76	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	17.6	2 05	36 49	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Total, \$40,659.34; less, to cover amount in statement of ex- penditures and assessments, \$3,178.36	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
James Cannon	2,967	1 00	2,967 00	Do	Do	Do	3,301	1 30	3,921 30	Do	Do	Do
Evans Concrete Co	Do	Do	Do	Do	Do	Do	18	2 50	32 50	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	1,409	1 30	359 85	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do

[illegible]

Statement of expenditures on Twenty-first street west, from E street to Q street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Wood fence.	Miscellaneous amount.	Total amount.
William Schooler	Yards.	\$0 10	\$3,650 00												\$25,348 45
Do	38,500	22	1,973 18												
Do	8,969														
Do															10 25
Do															
Do															
Daniel Hannan															200 00
John Ready & Co															
John O. Evans															
Do															616 84
Do															
Do															
Do															5,067 50
Do															
Do															
O. O'Hare & Co															16 89
John Collins															
John Ready & Co															
Samuel Strong															1,446 06
Jas. O'Hagan															
Fowler & Polaski															
J. A. Blundon & Co															2,917 64
Albert Gleason															
A. S. Richards															
Vandenbergh & Co.	959	40	380 00												676 40
Do	3,522 38	17	616 43												
Do	1,400	25	315 00												
Do															1,051 60
Do															
Do															
Do															2 75
Do															
Do															
Do															75 00
Do															
Do															
Do															196 50
Do															
Do															
Do															1,348 50
Do															
Do															
Do															239 76
Do															
Do															
Do															34,480 88
Do															
Do															
Total, \$40,639 34; less, to cover amount in statement of expenditures and assessment, \$2,178 30															53 50
James Gannon															
Evans Concrete Co															
Do															98,509 37
Do															
Do															
Do															352 25
Do															
Do															
Do															900 06
Do															
Do															
Do															378 00
Do															
Do															
Do															3,023 40
Do															
Do															
Do															607 64
Do															
Do															
Do															123 06
Do															
Do															

[illegible]

DISTRIBUTION.

General fund.....	\$92,097 13
Property holders.....	48,636 00
The City of St. Louis.....	48,636 00
Tin United States.....	10,549 08
One-half intersection lateral streets.....	4,138 60
Add lateral water-service deducted, (church).	149,419 90
Add drawbacks deducted.....	4,763 86
Lateral water-service reported by auditor.....	\$1,452 78
Deducted, not chargeable.....	53 58
Charged to property-holders.....	1,199 90
Drawbacks reported by auditor, for credit de- ducted in surveyor's office-account....	\$5,008 10
Allies and school-property not assessed.....	243 24

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 61, First street east, from C street north to C street south.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
John O. Evans.....							196	\$1 20	\$153 60			
Evans Concrete Company							944		48 80	243	\$0 40	\$93 20
Z. Jones.....							904		144 80			
Do.....							904	25	941 00			
Do.....							904		941 00			
D. A. Connolly.....	1,695	\$1 00	\$1,695 00	141	\$0 25	\$3 62	2,873	1 43	4,097 47	44,983	40	17,717 20
Do.....	410	1 00	410 00				432	9 15	938 55			
Do.....							34	2 05	68 70			
Do.....							20	2 05	41 00			
Do.....										2,950		900 20
Do.....										1,400	30	421 86
M. J. Laughlin.....	1,313 36-100	1 00	1,303 36									
Do.....							18,523	1 15	21,300 30	5,441	30	1,633 30
Do.....							400	12	48 00			
Do.....							400	3	12 00			
Do.....												
Albert Gleason.....												
A. S. Richards.....												
J. B. Hammond.....				388	25	93 00						
Jas. Hagan.....												
Do.....												
M. Cole.....												
George W. Goodall.....												
George W. Linville.....												
Charles McNamee.....												
J. B. Hammond.....												
Brennan & Hutton.....												
Water and sewer services.....												
Old material in assessment.....												
Trees.....										177	40	70 80
Z. Jones.....												
Do.....												
Do.....							428		17 13			130 40
M. J. Laughlin.....	514	1 00	514 00	445	25	316 25	428	1 90	513 60	1,306	40	390 40
Do.....	67	70	46 90	354	15	50 10				1,306	30	

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Green & Norton	
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DISTRIBUTION.

General fund.....	\$48,454.66
Property holders.....	523,390.13
The United States.....	70,003.50
One-half intersection of streets.....	4,946.10
	<hr/>
	146,794.39
Δid drawbacks deducted, (to balance).....	1,701.87
Total.....	<hr/>
	148,473.96

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 62, O street north, from Fifteenth street to Seventeenth street west.

[illegible]

Statement of expenditures on Fifteenth street west, from K street to Boundary street—Continued.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
W. C. Murdoch												
J. F. Acker							51	\$0 25	\$12 75	666.5	\$0 30	\$800 55
Do										2	30	816 80
Do										702		
A. S. Richards												
John H. Clark							37	15	5 55			
W. C. Murdoch												
John A. Power												
Daniel Hannan												
John Barry												
Do												
Pay-rolls												
John R. Gullar												
James L. Erwin										15	30	4 50
Cyrus Thomas										4	30	1 20
John E. Hammond										15	30	4 50
E. L. Sherwood										30	30	9 00
J. F. Acker										24	30	7 20
James Hudson												
Albert Gleason												
Do												
Gray & King												
J. T. Ferry												
John Collins												
Old material												
F. S. Holmes, (water-service)												
Parking trees												
Additions in surveyor's office.												
Add one-half intersection of lateral streets, (audited)												
Add 5 per cent on \$109,567.76												

[illegible]

Statement of expenditures on Fifteenth street west, from K street to Boundary street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Graveling.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.			Sq. yds.			Yards.								
Albert Gleason.....	\$2,496 12
Do.....	252 49
Gray & King.....	953 98
J. T. Ferry.....	420 59
John Collins.....	2,654 38
Old material.....	\$1,893 42
F. S. Holmes, (water-service).....	1,792 19
Parking trees.....	1,780 00	.....	.....	.....	.....	1,780 00
Auditor's statement.....	107,280 35
Additions to surveyor's office.....
Add one-half intersection of lateral streets, (audited).....	4,946 92
Add 5 per cent on \$169,527.76.....	8,476 39
Total expenditures.....	190,703 66

DISTRIBUTION.

General fund.....	\$118,669 44
Property holders.....	61,057 12
One-half interest of lateral streets.....	907 32
Add lateral water-service deducted to balance church property not assessable.....	69 78
Total.....	180,703 66

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 61, A street north, from Pennsylvania avenue to Second street east.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
C. H. Parsons.....	Sq. yds.			Sq. yds.			Lin. feet.			Yards.		
Do.....	48.4	\$1 43	\$637 26	1,654	\$0 40	\$661 60
Do.....	581	25	145 25	.....	.....	.....
Do.....	301	20	60 30	.....	.....	.....
Do.....	35	10	3 50	.....	.....	.....
Do.....	13 1-2	2 05	27 67	.....	.....	.....
Do.....	6	10	60	.....	.....	.....
Do.....	439	5	21 95	.....	.....	.....
Do.....	97 1-2	4	3 90	.....	.....	.....
Do.....	32	10	3 90	.....	.....	.....
D. A. Connolly.....	1,333 64-100	\$1 00	\$1,333 64	.....	.....	.....	1,197 50-100	25	299 37	5,003	30	1,500 90
Do.....	30 83-100	70	21 58	.....	.....	.....	13 1-4	1 42	17 39	2,400	40	960 00
Do.....	14	2 05	28 70	.....	.....	.....
Total, \$9,593.23; deduct \$203.31, inferior work.....
D. A. Connolly.....
George W. Goodall.....
Richard Rothwell.....
James Taly.....
Old material.....
Trees and tree-boxes.....
Additions in surveyor's office.
Add one-half intersection of Second street (audited).....
Add 5 per cent. on \$11,659.88.....

Statement of expenditures on A street north, from Pennsylvania avenue to Second street east—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
C. H. Parsons.	Yards.	\$0 07	\$115 78	Sq. yds. 2 033 1.2	\$1 75	\$3,536 87	Yards.								
Do.	1,654														
Do.															
Do.															
Do.															
Do.															
Do.															
Do.															
Do.															
D. A. Connolly	7,403	25	1,850 75	1,745 27 100	1 00	1,745 27	2,082 46	\$0 50	\$1,049 23						\$5,227 20
Do.				775 40 100	1 00	775 40									
Do.															
Total, \$9,582.93; deduct \$208.31, inferior work.															
D. A. Connolly														\$9 89	9,323 72
George W. Goodall														92 00	8 89
Richard Rothwell														92 00	92 00
James Taky											\$1,324 60				1,324 60
Old material														276 88	276 88
Trees and tree-boxes.										\$128 00				232 40	232 40
														188 00	188 00
Additions in surveyor's office.															16,784 49
Add one-half intersection of Second street, (audited)															370 00
Add 5 per cent. on \$11,659.88															583 00
Total expenditures.															17,737 49

DISTRIBUTION

The United States	\$4,363 38
General fund	8,873 87
Property holders	4,015 87
Add drawbacks deducted, (to balance)	464 97
	17,737 49

THE DISTRICT OF COLUMBIA.

329

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Lin. feet.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
Stamps & Follanabee.....	Do.....									Yards 9,098	\$0 30	\$2,729 40
Do.....	Do.....									400	1 00	400 00
Evans Concrete Co.....	Do.....						181	\$1 20	\$217 20	3,350	30	1,005 00
Do.....	Do.....											
Do.....	Do.....											
L. M. Hoffman.....	Do.....											
Williams & Becket.....	4,997	\$1 00	\$4,997 00	747	\$0 25	\$186 75	928	1 90	173 60	7,237	30	2,171 10
Do.....	56	2 00	112 00				1,776 1	25	444 19	6,559	40	2,639 60
Do.....	Do.....						2,159 8-10	1 43	3,096 91			
Do.....	Do.....						15	2 03	26 50			
Do.....	Do.....						53	30	15 90			
Do.....	Do.....											
T. H. Williams.....	954	2 00	509 00									
William Schooler.....	3,397 1	1 00	3,397 50	384	25	96 00	807 6-10	1 90	560 19	3,363	30	1,008 90
Do.....	45 2-10	2 00	90 40				1,751	25	437 75	3,900	40	1,560 00
Do.....	Do.....						9 5-10	2 03	19 47	3,031	30	909 30
Do.....	Do.....											
Frank McGowan.....	Do.....											
Do.....	Do.....											
Daniel Hannan.....	Do.....											
A. C. Mackey.....	Do.....											
J. M. Carole.....	Do.....											
William Schooler.....	Do.....											
Do.....	Do.....											
John Chapman.....	Do.....											
William & Beckett.....	Do.....											
Do.....	Do.....											
James O'Hagan.....	Do.....											
William Schooler.....	Do.....											
Old material.....	Do.....											
Trees and boxes.....	Do.....											

Statement of expenditures on M street north, from Fourteenth street to New Hampshire avenue—Continued.

To whom paid.	New brick.		Price per yard.	Amount.	Old brick.	Sq. yds.	Price per yard.		Amount.	Sodding.	Price per yard.		Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Sq. yds.	Yards.																	
Additions in surveyor's office. Add one-half intersections of lateral streets, (audited) Add 5 per cent on \$83,452.45																			
To whom paid.																			
Steaps & Follansbee	9,098	11 1-3	\$1,018 97																\$4,148 37
Do																			535 30
Do																			20,619 25
Evans Concrete Co.	3,350	10	335 00																12 70
Do																			35,000 00
Do																			
L. M. Hoffman	13,836	31 1/2	4,323 75																18,177 63
Williams & Beckett																			
Do																			
Do																			
Do																			
Do																			
Do																			
Do																			
T. H. Williams	3,363	35	1,177 05																707 30
																			130 00
																			3,834 93

[illegible]

DISTRIBUTION.

The United States.....	\$7,036 96
General fund.....	68,916 71
Property holders.....	35,714 18
Total.....	<u>111,667 85</u>

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 66, K street north, from Seventh street to North Capitol street.

To whom paid.	New brick. Sg. yds.	Price per yard.	Amount.	Old brick. Sg. yds.	Price per yard.	Amount.	New and old curb. Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
Evans Concrete Paving Company	12,565	\$1 00	\$12,565 00	203 5-9	\$0 25	\$50 88				5,200	\$0 30	\$1,560 00
F. H. Finley												
Total, \$7,549.67; less \$1,102.25, inferior.												
F. H. Finley	688	60	400 50	2,491	47	1,170 77	340 85	\$0 85	\$289 72	17,044	40	6,817 60
Do				838	60	502 80	544	1 20	652 80			
Do							6,457 65	1 42	9,169 86			
Do							18 30	2 05	37 51			
Do												
Do												
Do												
J. S. Baldwin												
James Ragan												
Julius George												
G. W. Linville												
F. H. Finley												
Do												
Do												
George W. Linville												
Old material												
Trees and boxes												
Additions in surveyor's office.												
Add one-half intersection of streets, (audited)												
Add 5 per cent on \$130,507.51												

To whom paid.	Haal	Price per yard.	Amount.	Pavement, (cr. rlage-way.)	Price per yard.	Amount.	Grading.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Evans Concrete Paving Company	Yards.						Yards.								\$26,898 80
F. H. Finley	22,244	40 35	\$7,785 40	8,384	\$3 20	\$26,898 80	15,096 35	40 30							
Total, \$7,540.67; less \$1,102.25				405 51	3 20	1,297 63									
Inferior.									\$6,447 42.						
F. H. Finley	Do			8,882 06	1 50	13,323 09									
Do	Do														
Do	Do														62,881 26
Do	Do														2,905 52
Do	Do														724 45
Do	Do														400 00
J. S. Baldwin	Do														514 62
James Regan	Do														204 30
Julius George	Do														3 50
G. W. Linville	Do														1,698 87
F. H. Finley	Do														12,136 90
Do	Do														14,395 02
Do	Do														1,741 66
George W. Linville	Do														33 81
Old material	Do														78 37
Trees and boxes	Do														1,872 00
Additions in surveyor's office.															125,819 10
Add one-half intersection of streets, (audited)															4,722 22
Add 5 per cent on \$130,507.51															6,925 37
Total expenditures															137,066 69

DISTRIBUTION.

General fund	\$91,286 94
Property-holders	45,777 75
Total	137,066 69

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Finch, O'Brien.....	109 20	109 20
Do.....
G. W. Goodall.....	664 70
W. H. Fitzhugh.....	15 90	15 90
George Worth.....	154 00	154 00
S. S. Ruak.....	193 90	193 90
James Ahnan.....	565 05	565 05
Samuel Cooks.....	\$3,046 47	3,046 47
Trues and boxes.....	2,134 46	2,134 46
.....	\$303 00	.....
.....	.....	26,590 61
.....	.....	1,386 03
.....	.....	27,846 64

Addition in surveyor's office.

Add 5 per cent. on \$26,590.61.....

Total expenditures.....

DISTRIBUTION.

General fund.....	\$18,564 43
Property-holders.....	9,282 21
Total.....	27,846 64

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 68, N street north, from Scott's statue to Twenty-first street west.

To whom paid.	New brick.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
Evans Concrete Company	Sq. yds.				Lin. feet.			Yards.		
Do.....				391	\$1 42	\$555 22	7,507	\$0 30	\$2,252 10
Do.....				689½	1 20	827 79	.....	.....	.....
T. Williams.....	2,967	20	593 40
Grant & Co.....	95,600	30	7,950 00
Do.....	6,200	30	1,860 00
John H. Clark.....	4,922 40-100		\$1 00	\$4,922 40	1,396 2-10	1 42	1,982 60	8,660 8-10	30	2,598 24
D. M. Davis.....
Do.....
W. C. Mordock.....

	Joseph Brooks John J.	Trees and luxes.	8745 72	897 00	503 50	765 72
Additions in surveyor's office.						
☐ Add one-half intersection of street, (audited)						397 00
☐ Add 5 per cent on \$60,764.48						3638 58
Total expenditures.						70,104 70
						<u>65,407 68</u>
						<u>916 20</u>
						<u>3,338 58</u>
						<u>70,104 70</u>

DISTRIBUTION.

General fund	\$46,735 14
Property holders	\$2,367 56
Total	70,102 70

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 69, Tenth street west, from N street to E street.

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DISTRIBUTION.

General fund.....	\$52,877 44
Property holders.....	1,308 61
One-half intersections lateral streets.....	1,310 40
Add deducted water service to balconies, (church).....	53 40
Total.....	\$54,548 85

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 70, Third street east, from Pennsylvania avenue to Maryland avenue.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb. Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
C. H. Parsons.....	3,924	\$1 00	\$3,924 33				2,434	\$1 30	\$2,914 80	7,010	\$0 40	\$2,804 00
E. E. Barnes.....	733	70	513 57				341	15	490 30	8,131	30	2,439 30
Do.....	456	60	273 60	1,241	\$0 50	\$620 50	477	74	71 55			
Do.....							74	2 05	151 70			
Do.....							14	25	3 50			
Do.....												
J. F. Murray.....										228 60	30	68 58
Deduct inferior work.....												
James Ragan.....												
Do.....												
H. L. Thomas.....												
E. E. Barnes.....												
A. C. Chenoeweth.....												
William Rothwell.....												
Old material.....												
Trees and boxes.....												
<i>Additions in surveyor's office.</i>												
Add one-half intersections of streets, (audited)												
Add 5 per cent.....												

Statement of expenditures on Third street east, from Pennsylvania avenue to Maryland avenue—Contin

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
	Yards.			Sq. yds.			Yards.								
C. H. Parsons.....	15,141	\$0 30	\$4,533 40	3,351½	\$1 75	\$5,689 88									\$5,689 88
E. E. Barnes.....	Do			9,300	15	345 00									
Do.....	Do														
Do.....	Do														
Do.....	Do														
Do.....	Do														
J. F. Murray.....							1,059	\$0 50	\$529 96 }					\$812 77	19,012 35
Deduct inferior work.....									396 77 }						812 77
James Ragan.....															301 77
Do.....															
H. L. Thomas.....															219 83
E. E. Barnes.....															33 22
A. C. Chenoweth.....															51 63
William Rothwell.....											\$3,116 83				3,116 83
Old material.....											9,736 00				9,736 00
Trees and boxes.....															573 50
															215 30
															484 00
										\$484 00					40,238 87
Additions in surveyor's office.															
Add one-half intersections of streets, (audited).....															3,846 00
Add 5 per cent.....															1,534 03
Total expenditures.....															45,638 95

DISTRIBUTION.

The United States (general fund).....	\$2,939 98
Property holders.....	22,538 37
Lateral streets.....	11,815 30
Add lateral water-service rejected, (charcol).....	2,440 00
Total.....	45,618 95

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 74, Fourth street east, from Pennsylvania avenue to Maryland avenue.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Lin. feet.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
E. E. Barnes	3,206	\$1 00	\$3,206 00	1,882	\$1 25	\$470 50	908	\$1 20	\$1,039 60	Yards	\$0 40	\$2,800 00
Do.	864	37	319 68	414	15	71 10	1,753	25	438 25	3,192	30	957 60
Do.				2,860	60	1,356 00	1,374	15	206 14	3,228	15	484 90
Do.							214	2 03	44 07			
Do.							214	2 03	64 09			
Do.							25	2 03	51 25			
Do.							124	2 03	25 11			
C. H. Parsons												
W. Rothwell	374	1 00	37 33	32	25	8 00				535	30	160 50
T. McCaffrey											15	6 75
Do.											15	1 20
Do.	12 78	1 00	12 73							8		
Sarah M. Dunn.												
Frank T. Weber												
Catharine Leonard												
Mary Sanders	0 67		6 67									
H. Sanders												
A. Campbell												
Rothwell & Campbell												
Richard Rothwell												
Sewer-services												
Old material												
Trees and boxes												
<i>Additions in surveyor's office.</i>												
Add one-half intersections of lateral streets												
Add 5 per cent. on \$41,937.20												

Statement of expenditures on Fourth street east, from Pennsylvania avenue to Maryland avenue—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Sq. yds.	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
E. E. Barnes	Yards, 10, 193	\$0 37 1/2	\$3, 293 00													
Do	Do	Do	Do													
Do	Do	Do	Do													
Do	Do	Do	Do													
Do	Do	Do	Do													
Do	Do	Do	Do													
Do	Do	Do	Do													
Do	Do	Do	Do													
C. H. Parsons	Do	Do	Do													
W. Rothwell	Do	Do	Do	4, 975 77	\$1 75	\$7, 469 50									\$875 55	\$13, 405 56
T. McCaffrey	535		\$3 50					9, 599	\$0 37 1/2	\$368 95					59 15	7, 493 59
Do	Do	Do	Do													59 15
Do	Do	Do	Do													1, 234 33
Do	Do	Do	Do					169	37 1/2	60 75						61 95
Do	Do	Do	Do					97 78	50	43 87						59 60
Sarah M. Dunn	Do	Do	Do					87 92	50	43 61						47 61
Frank T. Weber	Do	Do	Do					75 11	50	37 56						37 56
Catharine Leonard	Do	Do	Do					318 78	50	159 39						168 06
Mary Sanders	Do	Do	Do								\$48 00					48 00
H. Sanders	Do	Do	Do					169 67		84 98						84 98
A. Campbell	Do	Do	Do													6, 305 94
Rothwell & Campbell	Do	Do	Do									\$6, 305 94				6, 305 94
Richard Rothwell	Do	Do	Do												76 49	76 49
Sewer-services	Do	Do	Do									10, 358 78				10, 358 78
Old material	Do	Do	Do													681 18
Trees and boxes	Do	Do	Do													2, 407 09
Do	Do	Do	Do													848 00
Do	Do	Do	Do													46, 207 72
Do	Do	Do	Do													2, 733 00
Do	Do	Do	Do													2, 075 62
Do	Do	Do	Do													52, 014 34
Do	Do	Do	Do													52, 014 34

Additions to surveyor's office.

Add one-half intersections of

lateral streets

Add 5 per cent. on \$41,512.46

Total expenditures

DISTRIBUTION.

General fund.....	\$20,004 74
Property-holders.....	15,100 67
North street south, north of Maryland avenue.....	7,760 08
Add lateral sewer-service deducted, (church).....	90 25
Total.....	\$42,955 34

Statement of expenditures received from the board of audit, to correspond with special assessment No. 72, Twentieth street west, from B street to Boundary street.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Lm. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
M. J. Laughlin.....	2,492	\$0 80	\$1,993 60	514	\$0 25	\$128 50	400	\$0 55	\$220 00	16,419	\$0 30	\$4,925 70
Do.....	41	1 60	65 60				2,381 1/2	25	503 37			
Charles Stewart.....	52	1 00	52 00				48	85	40 40			
Do.....	2,895	70	2,026 50	544	60	326 40	36	15	5 40	1,056	30	316 80
Do.....				1,680	47	793 83						
Do.....				31	12	4 08						
Ann McKeever, (permit).....	150	1 00	150 00									
O. O'Hare.....												
Do.....												
Old material.....												
Trees, &c.....												
Additions in surveyor's office.												
Add 5 per cent. on \$0,720.95.												

Statement of expenditures on Twentieth street west, from R street to Boundary street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
M. J. Laughlin	Yards. 16,419	\$0 10	\$1,641 90	Sq. yds.										\$324 32	\$9,894 99
Do															
Charles Stewart	859	15	128 85												
Do															
Do															
Do															
Ann McKeever, (permit)							36	\$0 50	\$18 00		\$944 56				3,706 66
O. O'Hare															177 00
Do															944 56
Old material.														100 00	
Trees, &c										\$316 00				1,149 44	1,149 44
															316 00
Additions in surveyor's office.															16,288 65
Add 5 per cent. on \$9,730 95.															486 04
Total expenditures															16,774 69

DISTRIBUTION.

Amount deducted from this account assessed on Twenty-first street south of R street.	\$8,567 70
General fund.	6,504 73
Property-holders	3,403 36
Total	16,774 69
Property-holders	\$3,403 36
Less drawback	1,381 90
Collectible	\$2,021 46

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 74, Fifth street east, from K street to Boundary street.

To whom paid.	New brick. Sq yds.	Price per yard.	Amount.	Old brick. • Sq yds.	Price per yard.	Amount.	New and old Live feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.	Total amount.
Andrew Gleason	3,681½	\$1 00	\$3,681 33	1,905	\$0 70	\$1,333 50	665½	\$0 85	\$965 68	7,272	\$0 30	\$2,181 60	
Do	Do	Do	Do	1,071	60	642 50	146	1 20	175 20	4,402	15	660 30	
Do	Do	Do	Do	Do	Do	Do	95	2 05	194 75	Do	Do	Do	
Do	Do	Do	Do	Do	Do	Do	73	47	34 31	Do	Do	Do	
Do	Do	Do	Do	Do	Do	Do	965	60	1,795 00	Do	Do	Do	
Clubb & Burnside	Do	Do	Do	30	70	21 00	108	60	64 80	3,934	30	1,181 40	
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	300	40	120 00	
Stephen Tally	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Andrew Gleason	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Trees, &c	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Additions in surveyor's office.	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Aid ½ intersection M street.	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Aid 5 per cent on \$17,046.12	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	

To whom paid.	Haul. Yards.	Price per yard.	Amount.	Pavement, (car- riage-way.) Sq. yds.	Price per yard.	Amount.	Sodding. Yards.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps	Iron fence.	Miscellaneous amount.	Total amount.
Andrew Gleason	1,272	\$0 1st	\$1,303 50	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	\$14,329 77
Clubb & Burnside	4,824	5	211 90	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	1,500 10
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	65 40
Stephen Tally	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	

Andrew Gleason.....	410 63	410 63
Do.....	300 00	300 00
Trees, &c.....	270 90	270 90
<i>Additions in surveyor's office.</i>		
Add $\frac{1}{2}$ intersection M street.....		
Add $\frac{1}{2}$ per cent on \$17,066.13.....	393 98	393 98
	804 30	804 30
Total expenditures.....	17,940 43	17,940 43

DISTRIBUTION.

General fund.....	\$11,960 98
Property-holders.....	5,980 14
Total.....	17,940 42

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 75, M street northeast, from First street to Boundary street.

To whom paid.	New brick.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
Stephen Talty.....	Sq. yds. 5,702.56	\$5,702.56	Sq. yds. 2,977.58	\$1 00	\$2,064 31	Lin. feet. 4,432.27	\$1 20	\$5,306 72	Yards. 5,513.32	\$0 30	\$16,539 09
Do.....	Do	Do	615	37	22 73	59	1 42	196 38	8,237.98	40	3,295 19
Do.....	Do	Do	3,128	60	1,873 90	10	25	2 50	784.20	1	784 20
Do.....	Do	Do	Do	Do	Do	831	20	166 90	Do	Do	Do
Do.....	Do	Do	Do	Do	Do	112.8	2 05	231 24	Do	Do	Do
Do.....	Do	Do	Do	Do	Do	27.5	30	8 25	Do	Do	Do
Do.....	Do	Do	Do	Do	Do	13.9	2 05	28 49	Do	Do	Do
Do.....	Do	Do	Do	Do	Do	1,274	35	453 04	Do	Do	Do
Do.....	Do	Do	Do	Do	Do	3,459.51	48	1,652 56	Do	Do	Do
Do.....	Do	Do	Do	Do	Do	174	12	20 86	Do	Do	Do
Do.....	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Parking commission.....	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
<i>Additions in surveyor's office.</i>	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Add $\frac{1}{2}$ per cent on \$40,330.10.....	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do

Statement of expenditures on M street, northeast, from First street to Boundary street—Continued.

To whom paid.	Haul	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Stephen Talty	Yards. 61,459.30	\$0 12	\$7,334.40	Sq. yds. 5,728.44	\$0 15	\$858.97	Yards.							\$842.61	
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Parking commission	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	\$48,223.54
Addition in surveyor's office.	Do	Do	Do	Do	Do	Do	Do	Do	Do	\$528.00	Do	Do	Do	Do	287.00
Add 5 per cent. on \$40,330.10	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	598.00
Total expenditures	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	49,638.54
	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	2,016.50
	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	51,655.04

DISTRIBUTION.

General fund.....	\$28,231.07
Property-holders.....	14,115.53
One-half intersection of streets.....	9,308.44
Total.....	51,655.04

To whom paid.

[illegible]

7.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount)	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Samuel Cook.....	Yards. £ 244	Cents 43.37	\$1,403 67				Yards.								\$13,735 63
Do	Do	Do	50 00				Do								48 40
Do	Do	Do					Do								136 40
Do	Do	Do					Do								517 92
Do	Do	Do					Do								276 00
Albert Gleason.....	Do	Do					Do								
Parking commission.....	Do	Do					Do								
										\$278 00	\$6,517 62				20,714 24

Statement of expenditures on Thirteenth-and-a-half street west, from B street south to Maryland avenue—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Additions in surveyors' office.	Yards.			Sq. yds.			Yards.								
Add 1 of 1 intersection Maryland avenue															\$770 26
Add 3 per cent on \$20,074.50															1,003 74
Total expenditures															22,488 24

DISTRIBUTION.

General fund	\$14,052 16
Property-holders	7,026 08
One-half intersection of lateral streets	1,410 00
Total	22,488 24
Property-holders	\$7,026 02
Less draw backs	1,995 74
	5,030 24

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 77, 1 street north, from 14th street to 18th street west.

To whom paid.	New brick.		Price per yard.		Amount.		Old brick.		Price per yard.		Amount.		New and old.		Price per foot.		Amount.		Grading.		Price per yard.		Amount.	
	Sq. yds.						Sq. yds.						Lin. feet.						Yards.					
L. S. Filbert																								
J. V. W. Vandenberg																								
Do.																								
Do.																								
Total \$12,313.61; less \$5,336.25 a																								
J. V. W. Vandenberg																								
P. W. Doyle	959.83		\$1.00		\$959.83		49.11		\$0.25		\$12.28		12.5		1.20		15.00		368		30		\$1,760.00	
Do.													11.75		.30		3.53							
Do.																								
John Barry																								
Do.																								
Daniel Hannan																								
P. W. Doyle																								
A. Rothwell	66.59		1.00		66.55								38½		65		50.13							
Mrs. C. E. Beall	100.49		1.00		100.44		50		.25		12.50													
R. H. Taylor	140		1.00		140.00																			
P. M. Dubont	134		1.00		134.00																			
W. J. C. Duhamel	181.3		1.00		181.33								103		95		96.90		50		30		15.00	
Mary B. Hill	32.43		1.00		32.43																			
Total, \$41.41; less \$8.80 b																								
John (brother)	32		1.00		32.00																			
Mrs. C. E. Adams	674.09		1.00		674.09																			
Total, \$384.77; less \$101.10 b																								
Old material																								
Parking commission																								
Additions in surveyor's office.																								
Add one-half intersection of street																								
Add 5 per cent. on \$27,841.75																								

b Inferior work.

a Deduction.

Statement of expenditures on I street north, from Fifth street to Eighth street west—Continued.

[illegible]

as Deductible B,

b Inferior work.

General fund	\$10,000 00
Property-holders	9,804 16
Total	<u>\$19,804 16</u>
Property-holders	9,004 16
Loss drawbacks	1,300 51
Total	<u>\$10,304 67</u>

NOTE.—Main sewer runs on only one side of the street for one square. It was assessed at the rate of one-sixth of the whole amount, instead of one-third. The property-holders are really chargeable for one-sixth more, or double what they have been assessed for main sewer, \$33.48.

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 78, South Capitol street, from M street to N street.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New curb and old	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
Henry Birch	1,543.7	\$0 70	\$1,080 59				Lin. feet 1,301	\$0 84	\$1,098 84			
Do							1,865.5	94.5	175 05			
Do							365	33.6	122 64			
Parking commission												
Addition in surveyor's office												
Add 5 per cent. on \$6,006.52												



To whom paid.

Addition in surveyor's office.
Add 5 per cent. on \$70,492.27....

Statement of expenditures on Eleventh street west, from F street to O street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Wood fence, (amount).	Miscellaneous amount.	Total amount.
F. H. Finley	Yards. 30,640		\$7,813 90	sq. yds.			Yards. \$7,560 2-9-80	50	\$3,780 11						
Do	Do														
Do	Do														
Do	Do														
Do	Do														
Do	Do														
Total, \$109.35; less \$32.73															
L. S. Filbert				16,184	\$3 50	\$56,659 17									
John Barry	Do														
Do	Do														
Do	Do														
James Ragan															
H. McLinden															
E. C. Eckloff															
Emmatt, Smith & Co.															
John Barry							812	50	406 00						
Spaulding & Pratt							164 4	50	82 20						
Do															
Theodore Shelds	313	\$0 21	51 03												
Do	Do														
John Barry & Co															
Do	Do														
H. V. Colton															
James Hudson															
Joseph S. Martin															
T. W. Powke															
John Barry															
Old material															
Parking commission										\$53 00					
Addition in surveyor's office.															
Add 5 per cent. on \$70,492.97.															
Total expenditures															

Addition in surveyor's office.

Add 5 per cent. on \$70,492.97.

Total expenditures

DISTRIBUTION.

The United States	\$2,979 40
General fund	49,344 80
Property-holders	28,191 04
Provisionally assessed	56,227 30
Add deducted sewer-service, (church).....	60 40
Total	136,812 92

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 80, F street north, from New Jersey avenue to Second street west.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb. Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
Thomas Joyce.....	989	\$1 00	\$989 00	32	\$0 25	\$8 00	735	\$1 42	\$1,043 70	2,230	\$0 40	\$892 80
Do.....							64	1 20	76 80	1,189	30	356 70
Do.....							38	30	11 40			
Do.....							10	30	3 00			
Z. Jones.....												
Thomas Joyce.....												
Parking commission.....												
<i>Addition in surveyor's office.</i>												
Add 5 per cent. on \$11,757.63.....												

Statement of expenditures on F street north, from New Jersey avenue to Second street west—Continued

To whom paid.	Haul.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Thomas Joyce	Yards. 3,419			\$698 32									
Do													
Do													
Do													
Z. Jones		1,878.4	\$3 50	\$6,574 40					\$1,102 30				\$3,978 92
Thomas Joyce													6,574 40
Parking commission								\$102 00					1,102 30
													1,102 00
													11,757 62
Addition in surveyor's office.													
Add 5 per cent. on \$11,757.62													597 86
Total expenditures													12,345 48

DISTRIBUTION.

General fund.....	\$2,820 32
Property-holders.....	4,115 16
Total	12,345 48

[illegible]

Statement of expenditures on I street north, from Seventh street east to Boundary street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Additions in office of surveyor.	Yards.						Yards.								
Add 5 per cent. on \$25,645.90															\$1,222.26
Total expenditures.															29,830.27

DISTRIBUTION.

General fund.	\$17,951.64
Property-holders.	8,975.82
One-half intersection of streets.	2,902.81
	29,830.27

Statement of expenditures received from the board of audit, to correspond with special assessment No. 82, R street north, from Ninth street to New Jersey avenue.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
J. S. Baldwin.	Sq. yds. 49.72	\$0.70	\$34.80	Sq. yds. 204.5	\$0.60	\$122.70	Lin. feet. 1,048	\$0.48	\$503.04	Yards. 121	30	\$36.30
Sylvanus Gleason				649.3	48.	311.66						
Total, \$1,327.78; less, \$38.56.												
Sylvanus Gleason	9,122.9	1.00	9,122.90	378.5	25	94.62	97	70	18.90	1,966.8	30	590.04
Noah Dillard				108.2	35	35.77	1,105	1.30	1,436.50	4,006.8	92.97	920.36
Do.							697.8	25	17.42			
Do.							39	9.05	77.90			
Do.												

[illegible]

Statement of expenditures on R street north, from Ninth street to New Jersey avenue—Continued.

To, whom paid	Haul	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
<i>Additions in surveyor's office.</i>															
Add 5 per cent. on \$30,498.99	Yards.			Sq. yds.			Yards.								\$1,034 45
Add ½ intersection lateral streets															4,749 00
Add expenditures on R street between Ninth and Fourteenth streets															4,684 45
Do															484 60
Total expenditures															\$5,153 51

DISTRIBUTION.

The United States	\$2,738 44
One-half intersection of streets	881 63
General fund	14,342 30
Property-holders	7,171 14
Total	\$5,153 51
Property-holders	7,171 14
Less draw backs	504 84
Collectible	6,666 30

THE DISTRICT OF COLUMBIA.

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To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old cubit.	Price per foot.	Amount.	Gravel. Yards.	Price per yard.	Amount.
Ballard Paving Company							Lin. feet.			Yards.	\$0 30	\$235 50
Do												
Do												
Do												
Do												
Dillard & Moulton	5,582.56	\$1 00	\$5,582 56	1,216	\$0 25	\$319 00	50.70	\$0 85	\$40 74	14,382.45	\$0 30	\$4,306 73
Do							2,617.60	1 30	3,411 12			
Do							2,754.60	1 42	3,911 53			
Do							7	1 20	8 40			
Do							80.40	2 05	164 82			
Total, \$31,526.34; less deduct permit work, \$45.97												
Dillard & Moulton												
N. Dillard												
A. S. Richards												
John Chapman												
Do												
Do												
Samuel Strong												
Old material												
Parking commission												
Additions and deductions in sur- veyor's office.												
Add 5 per cent. on \$47,950.48												
Deduct one-half intersection of Eleventh street												

Statement of expenditures on B street north, from Ninth street to Fourteenth street west—Continued.

[illegible]

General fund.....	\$31,565.30
Property holders.....	16,792.04
Charged to other streets.....	10,440.12
Total.....	60,797.46

Statement of expenditures received from the auditor of the board of public works, to correspond with special assessment No. 84, Eighth street west, from Rhode Island avenue to Boundary street.

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old Lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
J. S. Baldwin.....							1,745	\$0 12	\$259 40	483	\$ 75	\$363 25
Do.....							123.5	1 20	148 30			
Do.....	215.28	\$1 00	\$215 28				24.6	15	3 69			
Do.....												
Do.....	4,648.97	1 00	4,648 97									
Do.....							2,975	1 20	3,570 00	5,471.63	30	1,641 49
Do.....							38	2 05	77 90			
Total \$17,872.48; less, \$814.18												
James Ragan.....												
C. F. E. Richardson.....	201.83	1 00	201 83				144	15	21 60			
Gray & King.....												
J. S. Baldwin.....												
Old material.....												
Parking commission.....												
<i>Additions in office of surveyor.</i>												
Add 5 per cent on \$15,450.23.....												
Add ½ intersections of Rhode Island avenue charged.....												
Add ½ intersections of Boundary street.....												

Statement of expenditures on Eighth street west, from Rhode Island avenue to Boundary street—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Copling and steps.	Iron fence.	Miscellaneous amount.	Total amount.
J. S. Baldwin	Yards.			Sq. yds.			Yards.								
Do	303	\$0 46	\$140 13	493.2	\$3 50	\$1,726 20									\$571 65
Do															2,018 23
Do															2,915 28
Do														\$181 50	181 50
Do	5,349.94	80	1,560 99												17,038 30
Do														885 26	
Total \$17,872.48; less, \$814.18				5,035	75	3,776 25								13 60	
James Ragan															223 43
C. F. E. Richardson															930 50
Gray & King											\$929 50			836 18	
J. S. Baldwin														57 60	57 60
Old material															381 00
Parking commission															
Additions in office of surveyor.															22,476 26
Add 5 per cent. on \$15,450 23															1,272 52
Add ½ intersection of Rhode Island avenue charged															3,709 20
Add ½ intersection of Boundary street															678 00
Total expenditures															28,135 98

DISTRIBUTION.

General fund	\$17,815 17
Property-holders	4,907 56
One-half intersection of streets	1,413 25
Total	24,135 98

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	Amount.	New and old curb. Lin. feet.	Price per foot.	Amount.	Grading yards. Yards.	Price per yard.	Amount.
Cranford & Hoffman													\$164 18
Samuel Cook	3,434.99	\$1 00	\$3,434.99					2,402.8	\$1 30	\$2,883.36	547.38	\$0 30	\$164 18
Do								80.2	2 05	164.41	4,727.8	40	1,890.88
Gregg & Cooke											4,906	40	1,962.40
Samuel Cook													
A. Gleason													
Hamilton & Whitmore													
Parking commission													
Samuel Cook													
Addition in surveyor's office.													
Add 5 per cent. on \$36,753.87													

Statement of expenditures on Thirteenth street west, from B street to Maryland avenue—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
Cranford & Hoffman	Yards.			See note			Yards.								\$17,321 58
Samuel Cook	4,727	\$7 07 37	\$40 33	7,703 60	\$3 00	\$17,117 07									11,456 49
Do		42 42	2,258 91											\$32 94	4,415 40
Gregg & Choke	4,906	50	2,453 00											1,344 00	1,344 00
Samuel Cook															1,301 02
A. Gleason											\$1,301 02				4,307 53
Hamilton & Whitmore											4,389 53				3,071 50
Parking commission															1,235 74
Samuel Cook														1,235 74	41,680 76
Addition in surveyor's office.															1,837 69
Add 5 per cent. on \$36,753 87.															43,518 45
Total expenditure															

DISTRIBUTION.

General fund	\$25,727 73
Property holders	14,119 57
Half intersections of streets	3,671 15
Total	43,518 45
Property holders	14,119 57
Deduct draw backs	1,647 90
Collectible	12,471 67

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Statement of expenditures on De Sales street north, from Seventeenth street to Connecticut avenue west—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
W. C. Mordock.	Yards.			Sq. yds.			Yards.		\$9,925 21							\$9,925 21
Thomas Joyce.	1,316.7	\$0 04 06	\$53 46	5,493.3	\$3 70											
Do																
Do															61 25	3,054 32
Do																3,003 30
Parking commission.											\$160 00	\$3,003 30				160 00
Addition in office of surveyor.																
Add 5 per cent. on \$15,442.83.																15,442 83
Total expenditures.																772 13
																16,214 96

DISTRIBUTION.

General fund	\$113 56
Property-holders	4 40
Total	16,214 96

Statement of expenditures received from the auditor of the District of Columbia, to correspond with special assessment No. 87, Eleventh street northeast, from
(1) street to R street north.

To whom paid.	New brick. sq yds.	Price per yard.	Amount.	Old brick. sq yds.	Price per yard.	Amount.	New and old curb. lin. feet.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
James A. Nelson	5,347	\$1 00	\$5,347 00	367	\$0 95	\$91 75	4,387	\$1 20	\$5,264 40	8,420	\$0 30	\$2,526 00
Do	5,190	70	3,633 00				90	2 05	184 50	2,186	40	874 40
Do	1,008	60	604 80				604	35	911 40			
Do												
T. L. Tullock	136 6-9	1 00	136 67				112	40	44 80	39	30	11 70
C. F. E. Richardson												
Michael Murphy	107 7-9	50	53 89									
P. C. Barry												
A. W. Flake	26 6-9		6 67									
C. F. E. Richardson	9 1/4	1 00	9 33	45 1/2	95	11 33						
Do												
Total, \$139.65; less \$11.99, inferior work												
Old material												
Parking commission												
T. F. Sullivan												
R. Rothwell												
Additions in surveyor's office.												
Add one-half for intersections of streets.												
Add 5 per cent. on \$53,695.57.												

Statement of expenditures on Eleventh street northwest, from O street to R street north—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount).	Sewers, (amount).	Coping and steps.	Iron fence.	Miscellaneous.	Total amount.
James A. Nelson	Yards														
Do	10,606	\$0.32	\$3,446.95	86 yds.			Yards.								\$22,884.90
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	\$22,904.14
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	7,377.75
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	94.50
T. L. Tullock	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	183.17
C. F. E. Richardson	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	116.80
Michael Murphy	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	187.00
P. C. Barry	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	94.50
A. W. Flake	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	94.50
C. F. E. Richardson	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	197.86
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	141.30
Total \$139.65; less \$11.99, in favor work.	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	430.00
Old material	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	430.00
Parking commission	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	911.90
T. F. Sullivan	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	223.35
R. Rothwell	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	32,076.17
Additions in surveyor's office.	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	2,599.40
Add one-half for intersections of streets.	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	1,684.78
Add 5 per cent. on \$13,693.57	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	36,350.35
Total expenditures	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	

DISTRIBUTION.

General fund	\$23,568.90
Property-holders	11,793.45
One-half intersections of streets	970.00
	36,350.35

To whom paid.	New brick. Sq. yds.	Price per yard.	Amount.	Old brick. Sq. yds.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading. Yards.	Price per yard.	Amount.
William Fletcher	1, 830 08-100	\$1 00	\$1, 830 08				Lin. feet. 1, 354	\$1 30	\$1, 695 76	33, 253	\$0 30	\$8, 975 60
Do	1, 448 81-100	70	314 17				30	25	5 00			
Do				1, 131	\$0 35	\$393 56	15.2	2 05	48 17			
Do				323 9	48	131 39		30	4 56			
Parking commission												
Hugh Murray	4, 257	1 00	4, 257 00				9, 716	1 30	3, 255 90	15, 418	30	4, 635 40
Do	4, 374	3 00	548 00	276	47	130 73	37	2 05	86 35	5, 847	40	2, 338 80
Do				8, 968	63	1, 840 16		1 30	1, 700 40			
Do	1, 464	80	1, 171 30	344	25	86 00	1, 417	1 30	10 65	5, 850	40	2, 340 00
Do	30	1 60	48 00	56	60	33 60	354	30	10 65	9, 850	30	2, 955 00
Do	2, 540	55	1, 397 00	1, 435	35	503 25	384	2 05	77 90			
Do												
Do												
Do												
G. F. Schaeffer												
John Barry												
James O'Hagan												
Do												
Pay-rolls												
Hugh Murray												
O. O'Hare												
H. V. Colton												
Parking commission												
Additions in surveyor's office.												
Add one-half intersections of streets												
Add 5 per cent. on \$53, 411.62												

DISTRIBUTION.

General fund.....	\$41,080 80
Property holders.....	30,311 91
Tramway.....	14,464 71
One-half intersections of streets.....	5,494 71
Total.....	78,363 89

Statement of expenditures received from the board of audit, to correspond with special assessment No. 89, Eleventh street east, from Pennsylvania avenue to Massachusetts avenue.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
William Hussey.....	89 yds	\$1 00	\$3,988 91	89 yds	\$0 12	\$451 98	Lin. feet					
Do.....	1,938 91			1,768 5			1,819	\$1 20	\$2,138 80	10,192	\$0 40	\$4,076 80
Do.....	1,940 40	1 00	1,940 41	2,737	12	327 24	2,102	1 20	2,522 40	36,017 8	30	10,805 34
Do.....	5,831 2	70	451 84									
Do.....												
Do.....												
J. S. Martin.....												
P. E. Little.....												
R. E. Little.....												
R. E. Little.....												
W. Hussey.....												
Do.....												
Do.....												
Old material.....												
Parking commission.....												
W. Hussey.....												
Addition in surveyor's office.												
Add 5 per cent on \$32,698.....												

Statement of expenditures on Eleventh street east, from Penneylanta avenue to Massachusetts avenue—Continued.

To whom paid.	Haul.	Price per yard.	Amount.	Pavement, (carriage-way).	Price per yard.	Amount.	Grading.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.
William Hussey	Yards, 46, 209.8	Cents, 92.01	\$10, 170.77	8 1/2 yds.			Yards							\$253.53	\$42, 709.44
Do	10, 150	8.96	838.39											483.30	91, 378.83
Do	590	32 1/2	188.50	13, 083.92	\$1.50	\$19, 624.83					\$4, 244.14				4, 244.14
J. S. Martin											1, 746.52				1, 746.52
P. E. Little											1, 508.33				1, 508.33
R. Bethwell											4, 676.18				4, 676.18
W. Hussey														1, 123.80	1, 123.80
Do														1, 546.68	1, 546.68
Old material														720.00	720.00
Parking commission															
W. Hussey														383.00	383.00
Additions in surveyor's office.															
Add 5 per cent. on \$43,698															80, 024.79
Total expenditures															3, 194.90
															83, 909.63

DISTRIBUTION.

General fund	\$44,598.60
Property-holders	33,339.10
The United States	3,233.75
One-half intersection of streets	11,989.17
Add erroneous water-service deduction	11,989.00
Total	83,909.63
Property-holders	33,339.10
Less drawbacks	3,140.99
Collectable	90,188.91

Statement of expenditures received from the auditor, District of Columbia, to our expend with special assessment No. 10, L street north from Fifth to Sixth streets east.

To whom paid.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	Sq. yds.	New brick.	Price per yard.	Amount.	Old brick.	Price per yard.	Amount.	New and old curb.	Price per foot.	Amount.	Grading.	Price per yard.	Amount.
	Sq. yds.							Lin. feet.											
Pay-roll Chubb & Burnside	3334	\$1.00	\$333.34	480	\$0.47	\$225.60	480	480	\$1.80	\$864.00	700	\$0.30	\$210.00						
Do	160	.70	112.00					19	2.05	38.95									
Stephen Talty																			
Chubb & Burnside																			
Parking commission																			
Addition in surveyor's office.																			
Add 5 per cent on \$1,653.49																			
Total expenditures																			
	Haul.	Price per yard.	Amount.	Ravement, (carriage-way.)	Price per yard.	Amount.	Sodding.	Price per yard.	Amount.	Trees, (amount.)	Sewers, (amount.)	Coping and steps.	Iron fence.	Miscellaneous amount.	Total amount.				
	Yards.			Yards.			Yards.												
Pay-roll Chubb & Burnside															\$8,521.62	\$8,521.62			
Do															1,530.49	1,530.49			
Stephen Talty															40.90	40.90			
Chubb & Burnside															16.80	16.80			
Parking commission															66.00	66.00			
Addition in surveyor's office.																			
Add 5 per cent on \$1,653.49																			
Total expenditures															10,175.11	10,175.11			
															82.67	82.67			
																10,257.78			

DISTRIBUTION.

Suspended, charge to L street.
General fund.....
Property-holders.....

Total 10,257.78

VIII.—APPENDIX No. 4.—REPORT OF PARKING COMMISSION.

Lieut. R. L. HOXIE, U. S. A.,

Engineer-in-Chief, District of Columbia:

SIR: We have the honor to report that during the year ending October 31, 1876, six thousand five hundred and thirty-four trees have been planted on the streets and avenues of this city, and seven thousand five hundred and fifteen holes have been prepared for planting, twenty-four trees of various sizes have been carefully lifted and replanted so as to accommodate new grades, and eighty old and decaying trees have been removed.

A portion of the season proved exceedingly dry and unfavorable to the growth of newly-planted trees, especially in regard to those planted in spring. Those set out the previous fall, during the months of October, November, and December, made better progress, owing to the possession of a more extended system of young roots. None, however, were allowed to suffer, as they were supplied with water; and although the means available for this purpose were somewhat limited, yet it served to keep the trees alive, if nothing more, until saturating rains gave increased vigor to active growth.

On some of the streets first planted, some three and four years ago, the effects of prolonged dry weather could be observed in the restricted growth of the trees. This result is to be expected, as the roots occupy the space prepared at the time of planting, and can only be effectually remedied by the addition of fresh soil to the extremities of the roots. On recently-graded streets, where the holes have been excavated in a hard, ungenial subsoil, the trees will early indicate want of nourishment, as they will be restricted to the space originally prepared for them which speedily becomes fully occupied by roots, when their further extension is checked and diminished growth ensues. The apparent remedy is to increase the size of the holes, which can readily be done by removing the inferior strata on each side of the tree for a width of 2 or more feet, parallel with the curbing, and replace it by suitable soil. This could be accomplished without interfering to any great extent with the use of the sidewalk, even for the brief time necessary to complete the improvement. In some instances a continuous space of sufficient width for tree-planting has been left between the pavement and the curbstone. This is an admirable arrangement and of a great advantage to the trees, as the whole of the area thus left unpaved can be utilized for their benefit and for the ramification of their roots, with consequent advantages to the permanent health and continued prosperity of the trees. This mode also facilitates the application of manures to the roots, and the space being kept in grass imparts a park-like appearance to the planting, a pleasing contrast to the pavements of sidewalks and roadways.

Where the sidewalks as well as the streets are covered with concrete, this plan is of imperative necessity, as in these cases the ordinary hole is altogether inadequate to prolonged health of the trees.

There are still numbers of old, decaying trees in various parts of the city that are of very little value as objects of utility, and disfigure rather than add to the ornamentation of the city. Many of these occupy positions on the sidewalks that cause great public inconvenience, while those of them that happen to be in line with more recent plantings overshadow the younger trees and prevent their proper development. A systematic removal of all such weedy trees would vastly enhance the

beauty of the city, so far as trees are concerned, and until it is accomplished the street-planting must be considered imperfect.

There is an annual loss of trees, more or less extensive, from leakage in the gas-pipes; the escaping gas permeates the soil and destroys the roots. Perfect immunity from this evil is probably impracticable, and when detected it may be, as in most instances in this city it has been, promptly remedied. The worst feature, however, is that the evil is not discovered until after the roots have been destroyed or fatally injured; the soil is well saturated before the presence of escaping gas is detected, and it is then too late for the application of any effectual remedy. The best that can be done is to remove the injured tree and plant a healthy one in its stead; and even this will not always prove a success, as it is difficult to remove all the poisoned earth, and it usually requires several renewals before a healthy growth is secured. Gas-poisoning is the unsuspected cause of many deaths among city trees.

The severe storm that occurred on the 17th of September prostrated a number of trees in various parts of the city. All available means were promptly directed toward repairing damages, and no serious injury resulted, except in a few cases where the tops had been broken off.

It is necessary, in order that no interference may be occasioned to traffic, that the lower branches be removed from street-trees; this has a tendency to weaken the stem, and increases their liability to be damaged by storms. While the trees are small, the protecting-box serves a good purpose, and measurably prevents injury from storms, but when the branches extend and the top of the tree becomes heavy by weight of wet foliage, the boxes are of very little value as a support; they are rather an injury, as they yield to the storm in company with the tree, and frequently prevent the stem from righting itself after the storm has passed.

Strongly-fixed boxes would be a proper security, but to be effective these would be both cumbrous and costly. A good auxiliary will be found in allowing the lower branches to remain, and encourage them to grow from the ground upward, so as to impart strength to the stem, as is the natural tendency in all trees when they can secure perfect freedom of growth; a method which might well be adopted with many of the trees in the wide parkings of this city, and one that would add materially to its ornamentation, although it might seem a great innovation to those whose ideal city tree is an inverted broom.

Mention may be made of the improvement effected on the reservation between Seventh and Ninth streets, on Pennsylvania avenue, fronting the market-house.

A neat, substantial wrought-iron fence has been erected on the line of the streets and avenues, which might, with great advantage to appearances, be continued on the south line.

The space was cleaned up, drained, and graded, planted with trees, and the entire surface sown with grass-seed. A miniature lake was introduced, mainly for the benefit of small birds. This was executed from time to time as labor could be assigned from the primary work of planting and taking care of trees; hence it has not been so rapidly executed as, under other conditions, it might have been. A strict regard to economy had to be exercised, and the soil being of a very ordinary character, the growth of trees and grasses has not been notably successful. Applications of manure, with partial renovation of the soil on spots, will go far toward securing a passable lawn. Even in its present state it contrasts favorably with its former neglected condition.

In addition to the planting and ordinary care of trees, a very consider-

able amount of labor has been expended in the care of numerous small reservations and unoccupied spaces distributed over the city. An average force of four men has been employed for a period of six months on this class of work.

One of the first duties undertaken by this commission was that of establishing a reserve garden for the preservation and preparation of trees for planting. The advantages derived from this source have been of great value, and have contributed largely to the success which has been attained in the ornamentation of the city. Many thousands of trees have been raised from a small size until they were large enough to plant out in permanent locations. This has added very materially to the progress of the work, not only from the saving effected in the purchase of suitable trees, but also in having them at hand and available at any time when required, so that they could be moved and set in place in a few hours without loss of vitality by exposure of roots, or from the casualties resulting from lengthened transportation. The stock of grown trees is at present large enough to obviate the necessity of further purchases for some time to come, except for a few particular kinds, as they may be required.

Respectfully submitted.

WM. R. SMITH,
Chairman Parking Commission.
WILLIAM SAUNDERS,
Secretary Parking Commission.

VIII.—APPENDIX No. 5.—REPORT OF INSPECTOR OF BUILDINGS.

ENGINEER'S OFFICE, DISTRICT OF COLUMBIA,
November 22, 1876.

SIR: I have the honor to transmit my annual report for the year ending November 30, 1876.

Tabular statement of permits issued for buildings from December 1, 1875, to date.

Number and description.	Value.
717 brick dwellings	\$2, 851, 067
74 brick back-buildings	36, 975
48 brick stables, private	29, 600
2 brick churches	22, 800
175 brick repairs, including vaults, areas, &c	180, 640
118 brick stores	592, 810
1 brick workshop	500
1 brick conservatory	800
1 brick laboratory	200
1 brick school-house	27, 900
1 brick factory	8, 000
2 brick convents	125, 000
4 brick gas-works	20, 000
213 frame dwellings	185, 758
— frame school-houses	
26 frame back-buildings	5, 505
24 frame stables	4, 175
206 frame repairs, raising, lowering, &c	48, 477
36 frame buildings removed	4, 280
21 frame stores	7, 850
4 frame offices	190
2 frame churches	750
1 glass conservatory	300
1, 678	4, 155, 177

Also permits issued for water, sewer, and gas by Assistant Inspector M. C. Rerdell and his predecessor in charge, viz:

For water	1, 103
For sewer	1, 167
For gas	519
Total	2, 789

The tabular statement of property owned and leased by the District, including wharves and docks, in Washington and Georgetown.

The property-book prepared for the purpose of office records showing tabular reports, metes and bounds of lots improved and unimproved, carefully plotted by Mr. Forsyth therein.

The outlines and plans of buildings owned by the District should be drawn, also, showing sewer, water, and gas connections. This work is impracticable at this time for want of assistance. The tabular statement of repairs shows only such repairs as have been made under your direction and not those made under the supervision of other depart-

ments of the government, which practice should be discontinued; for the reason that it is more expensive, and a careful examination would determine the fact. This department should be charged with the entire repairs of buildings; this being the only means of obtaining a correct record of the cost of repairs, or relieved from any portion thereof, except new or remodeling buildings. Insurance policies should be recorded in this office as provided for in the property-book, but I would recommend that the government in future assume its own risk on all buildings owned by it, except perhaps those in the county. This would be a saving of about \$2,000 per annum. Of all which I ask your favorable consideration.

The Berrett School building, referred to in my last report as in course of erection, has been completed, at a cost of \$24,755.50.

The grounds should be inclosed with a plain, substantial iron fence, at an estimated cost of \$1,000.

There has been erected during this year in the southwestern portion of the city a substantial ten-room brick school-building, at the very moderate cost of \$23,670, for the use of the colored schools, called the Randall Building, and derives its name from one of the early teachers of colored schools in this city. These two buildings are thoroughly warmed with Gold heaters, giving very great satisfaction in quality of heat and economy of fuel as compared with other buildings.

The subject of new school-buildings, especially for the white schools referred to in my last report, claims a word.

The number of rented rooms for schools is on the increase, and a large majority of them are unfit for use, at the same time drawing from the treasury annually for rents and repairs—to say nothing of the expensive manner of heating, that of stoves—a sum aggregating \$30,000.

To take the place of rented rooms and to supply the increased demand it will require from six to eight ten-room school-buildings carefully distributed through the school-districts. These buildings completely fitted up, plain and substantial in their character, including grounds, would cost about \$40,000 each. In view of these facts, there should be erected annually at least two of these buildings of the class named until the demand be met. At the same time ample accommodations should be made for the colored schools by the erection of two four-room school-buildings.

For the necessities of the county schools I refer you to my last report, as follows:

Additional school-buildings are required as follows: A two-room brick building at Mount Pleasant and a four-room brick building in the vicinity of Tennallytown. This recommendation was made in my report last year. These two sections of the county are rapidly increasing in population, and have many children who are without school accommodations.

The property-book (now completed) contains plots or diagrams of land owned in the county. In many cases the metes and bounds are uncertain, and I recommend that the surveyor shall be directed, preparatory to setting new fencing, to run the lines of said lots.

MARKETS.

Under your direction the Western Market has been completed, giving to the dealers 105 stalls, with well-arranged surroundings. The stalls have been sold for a term of years, realizing the sum of \$——.

This market, in its arrangement and completeness of appointments,

cannot be excelled in any city. The unsightly sheds on either side of K street will be removed and the sidewalks laid before winter sets in.

The Northern Liberty Market, situated at Seventh and O streets northwest, with its old sheds, still exists, and I have to call your attention again to the increasing demand for market accommodations in this locality. During the present year between three and four hundred buildings have been erected in the north and northwestern portion of the city, in addition to fifty or more beautiful residences at Le Droit Park, thereby giving to this market the support of hundreds of families whose patronage it has not heretofore had. A market-building should be at once erected on this or some adjacent site, which can be accomplished without one dollar of outlay for buildings or liability on the part of the Government. To all of which I invite your especial attention.

The northeastern market, located on H street, between Second and Third streets northeast, is built upon leased ground. Although at present but a limited business is done, yet it is destined at no distant day, judging from the improvements made in this section of the city during the past year, to become a flourishing and paying market.

The Georgetown market is located upon Bridge street, and extends to the north side of the Chesapeake and Ohio Canal. I recommend that forty feet of said market-house (now occupied as a fish-market) be cut off and added to the street, and that sheds be erected upon the bank of the canal for a fish-market. This would be a decided improvement to the market, giving additional stalls for general market purposes in the building, and also provide a turning place for wagons around the market-house.

HAY-SCALES.

Hay-scales were sold in July last aggregating \$2,036.50, being an excess over last year of \$1,256.50. New scales have been set up in Georgetown at a cost of \$230. Limited repairs have been made to other scales, amounting to \$73. There will be required for repairs of scales for the ensuing year \$150.

WEIGHERS AND MEASURERS.

Some dissatisfaction having been expressed as to the manner in which the duties of sealers of weights and measures, weighers and measurers of wood, and counters of lumber, have been conducted, and in the proper performance of whose duties the people are so largely interested, I would suggest at as early a date as practicable a thorough re-organization of these departments of the government, and especially the consolidation of the office of sealers of weights and measures should be done at once.

ENGINE-HOUSES.

Engine-houses have been put in good repair. The interior of engine-house No. 1, so far as stalls are concerned, should be arranged similar to that of No. 2. Including these changes and incidental repairs for the ensuing year, estimated at \$2,200, an addition of at least two engine-houses should be made at once. Some eight millions of dollars have been invested in private buildings by our citizens during the past two years, and possibly twenty millions since there has been an increase in the fire department.

No further comment is necessary. Approximate estimates of repairs for the various departments of the government for the ensuing year, aggregating \$17,750, will be found under the various heads.

STATION-HOUSES.

Station-houses owned by the District and those leased for a term of years have been put in a good state of repair. Additional station-houses should be erected; one in the southern portion of the city to take the place of a rented building, and another in the northwestern part of the city, both of which are unsuitable for the purposes of station-houses.

While additional accommodations for the police force should be provided, these two buildings, especially, should be provided for at an early day.

The only station-house for the accommodation of the county or mounted police being located on the Seventh street road, north of Boundary street, (and recently leased by the government,) and the territory patrolled by them being many miles remote, extending from Uniontown to Tennallytown, it is evident that additional accommodations are required, and should be provided, and I recommend that a small building be erected, with the necessary police accommodations, in Uniontown, and also one at Brightwood, where prisoners may be detained when necessary.

Repairs under your direction and my supervision have been made for the year ending November 30, 1876, in the sum of \$18,433.83, on buildings owned and leased by the District; and for the erection of new buildings, \$94,874.24. Estimate for new buildings in accordance with recommendations, \$313,000. (See schedule annexed.)

Probable result of sale of property recommended to be sold and applied as above, \$197,700. (See schedule annexed.)

BUILDINGS FOR DISTRICT OFFICES, POLICE COURT, ETC.

The necessity for providing for these buildings has been alluded to at length in a previous report, and I deem it unnecessary to make more than a passing remark at this time. It is fair to estimate that during the past ten years twenty millions of dollars have been invested in buildings by private enterprise in the District of Columbia, while insufficient accommodations for public offices have existed and still exist for the departments named, and should be provided for at the earliest practicable moment. The energy of the government has been put forth in extending our streets and avenues, and in beautifying the same by the expenditure of millions, and which has had the co-operation and met the approval of a very large majority of our citizens, as well as of the country at large, and I ask for your careful and favorable consideration and co-operation in bringing up this important department of the government to its proper standard.

WHARVES AND DOCKS.

By reference to the tabular statement it will be seen that the condition of the wharves in Georgetown, with but few exceptions, remains the same as last year, as reported by Mr. William Forsyth, surveyor.

The value of our water-line around the city has yearly grown into notice and importance; its commerce has grown and its property value largely increased. New lines of steamers are being organized for local and distant traffic, and the time is not far distant when the whole river-front will be needed for the increasing demands of trade.

By reference to my last report it will be seen that the number of permits issued for buildings and additions for the year ending November

30, 1875, was 1,744, at a cost of \$3,655,500. For the year ending November 30, 1876—the present year—as predicted in my last year's report, the value of improvements exceed those of last year, being \$4,155,177.

By reference to tabular statement it will be seen that the number of buildings is less, showing conclusively that a better class and more business places have been erected; for instance, 25 brick stores for 1875, and 118 for this year; and while 837 brick dwellings cost \$2,626,055 last year, 717 this year cost \$2,851,067.

There is this year a decrease in the number of frame dwellings, being 254 for 1875 and 213 for 1876. There were 11 frame buildings removed last year from the fire districts, and this year there were 36. The removal of these buildings has, for the most part, taken place, and there have been erected in their stead substantial brick buildings.

These improvements have been distributed almost equally over the entire length and breadth of the city. The western and northwestern sections have kept pace in improvement with their usual activity, while in the southern, eastern, and northeastern portions there have been erected a greater number of buildings than in any previous year in the history of the city, an unmistakable evidence of prosperity and the confidence of our citizens in the government, and their indorsement of the improvements that have been made in extending streets and avenues and beautifying the same.

We have been informed that real estate in many of our sister cities has depreciated to a considerable extent. We are happy to state that, from the best information we can obtain and from our own knowledge, real estate in our city maintains its status, or, at least, a slight decrease in its value, and this possibly only to the extent of reduced prices of labor and material. This might well be expected, as we approximate to a solid basis of cost of labor and material. Thus homes of small proportions have been erected in the last few years and provided with modern improvements, giving to the occupants comfortable homes at figures within their means.

The number of buildings erected in Washington City prior to December 1, 1875, was 23,121. According to the report of General M. C. Meigs of 1853, there were at that time 7,711 buildings in the city of Washington. In the twenty-two years between 1853 and 1875 there were therefore erected 15,410 new buildings.

The number of buildings erected in Washington and Georgetown Cities prior to December 1, 1875, was 25,283. During the year up to December 1, 1876, 1,161 new buildings have been added in those two cities, showing the number of buildings erected in the cities of Washington and Georgetown to date to be 26,444. This is exclusive of buildings owned by the United States.

The building regulations as enforced have had the tendency to produce better and more thoroughly constructed buildings in the District. Although very deficient in many respects, they have been complied with for the most part by our citizens and builders. Our builders have almost uniformly conformed to the building regulations, and where violations have occurred they willingly repaired the same upon notice, with but few exceptions, and where suits have been entered and tried the regulations in the most part have been sustained by the court.

The commission appointed to draught building regulations for the construction of buildings in the District have performed that duty; providing therein for judicious regulations for all parts of buildings, which have been approved by the Commissioners. These building regulations

should be given to all parties interested at least three months prior to the commencement of the building season, say April 1 next.

The fire-limits, prior to their enforcement, should be extended as provided for therein, including the whole of Washington and Georgetown and the towns of the county. There will be, doubtless, arguments both for and against this proposition.

It is a fact that very many of frame, or so-called frame, buildings, for which permits have been issued in localities permitted by the regulations, can scarcely be considered frame dwellings, but simply inclosed sheds; in very many cases so poorly constructed as to answer the purpose of shelter but for a short time, and money expended in this direction is simply thrown away. In these poorly-constructed tenements the laboring man defeats the object he has in view; that of providing for himself and family, or investing the savings of years. It is a fact that cannot be controverted, that wherever frame buildings of the class indicated are erected, the value of the property adjoining the same, and sometimes the whole square, deteriorates from five to twenty per cent. These buildings should be prohibited by law. With the comparative cheapness of bricks and mortar, we would find neat and comfortable tenements of limited proportions arise in their stead; for this class of buildings can be constructed at a very small percentage over the cost of frame. This leads us to notice the responsibility and mechanical ability of persons applying for permits for the erection and construction of buildings. In other departments of the government permits are issued only to those known to be skilled mechanics; while no safeguards of this character are thrown around the erection of buildings wherein necessarily the lives of our citizens are jeopardized or secured by secure or insecure construction. This is a matter in which our citizens, one and all, are deeply interested, and our government, to some extent, responsible for its practice.

And now, in conclusion, I would suggest the propriety of taking some steps looking to the consolidation of a grand union depot of all the railroads entering the city, and the removal of the two railroad depots from the center of the city; and in this connection I beg leave to offer the following suggestions:

That the government reclaim, by filling in and the erection of wharves and docks, the marsh south of the White House and foot of Seventeenth street, by which several hundred acres of very valuable land could be utilized, and upon which there could be located a union depot, built either by the Government or private enterprise. By this means the unsightly sheds and depot of the Baltimore and Ohio Railroad would be removed, and all that portion of the city benefited, enabling that portion to keep pace in the way of improvements with all other sections, besides bringing the vessels and railroads together and materially lessening the cost of transfers.

During the past year your attention has been called by the inspector to the manner of putting up and constructing of awnings and signs, many of them jeopardizing the lives of citizens; but a remedy for these has been provided for in the new building regulations.

During the past year the duties of the inspector have been arduous and difficult; and while this is true, it has been my endeavor to discharge my duties to the government with fidelity and fairness to the citizens. How far I have succeeded it is left to my fellow-citizens to say. To you I am indebted for uniform courtesy and assistance.

In the discharge of my duties I have been ably assisted by the assist-

ant inspector, Mr. Rerdell, whose services have been invaluable to this department.

I am, sir, very respectfully,

THOS. M. PLOWMAN,
Inspector of Buildings.

To Lieut. R. L. HOXIE, U. S. A.
Engineer of District of Columbia.

Estimate.

For two new school-buildings and sites in Washington and Georgetown, white and colored	\$80,000
For new school-house at Mount Pleasant	4,000
For new school-house at Tennallytown	7,000
For repairs, painting, &c., county school-houses	1,000
For cutting away 40 feet of the south end of Georgetown market	3,000
For erection of market building, Seventh and O streets, 200 stalls	130,000

STATION-HOUSES.

For purchase station-house on Tenth street northwest, (recently leased)	12,000
For purchase of station-house, Massachusetts avenue	12,000
For purchase station-house, first precinct	12,000
For the erection of station-house at Uniontown	6,000
For one additional station-house and site in the city	14,000
For incidental repairs for station-houses, including painting and fencing	1,400

ENGINE-HOUSES.

For erection of additional engine-house in northwestern portion, including site	14,000
For the erection of additional engine-house on site owned by the city	8,000
For repairs of engine-houses	2,200

HAY-SCALES.

For repair of hay-scales	150
For erection of police court on site owned by the city	14,000
For repairs of school-houses, white and colored, cities of Washington and Georgetown, painting, repairs, fencing, additional heating-surfaces, water-closets, &c	10,000
	30,750

I recommend that the following property be sold and applied to the purposes above named :

The central guard-house on Louisiana avenue, estimated value	\$40,000
The lot corner of Ninth street and New York avenue, recently occupied as police-station	7,500
The lot on Eighth street, purchased from Mayor Wallach for an engine-house, (unsuitable)	3,500
The old town hall, Georgetown	6,000
The powder-magazine, Georgetown heights	700
The sale of 200 stalls in building to be erected at Seventh and O streets northwest, for market purposes	140,000
	197,700

Expenditures for repairs under direction of engineer for year ending November 30, 1876.

WHITE SCHOOLS.

Wallach	\$1,402 00
Crauch	560 00
Jefferson	1,500 00
Berrett	10,284 00
	\$13,746 00

COUNTY SCHOOL.		
Soldiers' Home		\$215 00
STATION-HOUSES.		
E street, between Third and Four-and-a-half streets, south-west	\$434 70	
Corner High street and the canal, Georgetown	43 00	
K street, between Twentieth and Twenty-first streets, north-west	61 00	
Tenth street, between D and E, northwest	1,047 09	
Massachusetts avenue, between Ninth and Tenth, northwest	267 73	
South Carolina avenue, between Fifth and Sixth streets, south-east	4 87	
Police court	153 00	
Seventh precinct	555 00	
		2,571 39
ENGINE-HOUSES.		
D street, between Twelfth and Thirteenth streets, northwest	1,460 00	
Virginia avenue, near Four-and-a-half street, southwest	17 00	
		1,477 00
MARKETS.		
Eastern	108 00	
Georgetown	65 11	
Western	178 33	
Northern Liberty, (hay-scales)	73 00	
		424 44
Total		18,433 83

VIII.—APPENDIX No. 6.—OVERSEER OF REPAIRS.

ENGINEER'S OFFICE, DISTRICT OF COLUMBIA, *Washington, November 30, 1876.*

SIR: I have the honor to submit my annual report of the operations of this office from December 1, 1875, to date.

The employes under me have been engaged in repairing the various streets, avenues, alleys, sidewalks, roads, bridges, sewers, sewer-traps, and pumps, and the cleaning of sewers and sewer-traps and making permanent improvements by completing work commenced by contractors and left unfinished by reason of joint resolution of March 14, 1876, upon various streets and avenues.

PUMPS.

There are in the city and Georgetown 449 pumps; 13 of these were put in during the year. Seventeen wells have been deepened; 26 wells have been cleaned; 7 pumps have been removed, and the wells filled, and 1,160 repairs have been made.

COUNTY ROADS AND BRIDGES.

Continual repairs are necessary on the various county roads in order to keep them in suitable condition for travel. The heavy rains during the past summer caused large washes and carried away culverts on various roads, and demonstrated the incapacity of several brick and pipe culverts. It required quite a large sum of money to repair the damages these roads sustained, and especially on the New Cut, Woodley Lane, Ridge, and Seventh street roads. While these repairs were being made culverts were enlarged, and the improvements made with a view to make them as permanent as possible with the limited means at the disposal of the engineer.

GRAVEL-PITS.

The gravel pits at the head of the main sewers accomplish the purposes for which they were intended. The following is the amount of gravel and sand removed from each pit during the year: From Fifteenth and Boundary, northeast, 300 yards; Tenth and Boundary, northeast, 200 yards; First and Boundary, northwest, 300 yards; Gales's woods, 2,252 yards; Eighth and Grant avenue, 1,480 yards; Eighteenth and Boundary, 668 yards; making a total of 5,200 yards. This amount will be greatly decreased when the improvements suggested by you are completed. The material removed from the pits is claimed by the parties owning the ground on which they are situated.

SEWER-TRAPS.

There are in the city and Georgetown 516 corporation traps, 732 Chase traps, 323 Gleason traps; 3 wooden traps, 47 shoots, and 838 drops; making a total of 2,459. There are employed on this work one sub-overseer, four trappers, and three horses, carts, and drivers. The traps are cleaned four times per year at a cost of 43 cents per trap. I respectfully recommend that this force be increased by the addition of two trappers and two horses, carts, and drivers, so that the traps could be cleaned seven times per year. The traps in the vicinity of and on the unimproved streets and alleys become foul much oftener than those on improved streets and alleys, and in order to keep them in perfect sanitary condition it becomes necessary to break the gang, which causes a considerable loss of time. The additional force asked for could be used to a very great advantage in performing this service in remote places.

SEWERS.

The sewer-cleaners have been employed in cleaning brick and pipe sewers and the gravel-pits. The 15-inch pipe-sewer on Thirteenth-and-a-half street southwest, between B and D, put down in November, 1875, by Samuel Cook, had to be taken up to be cleaned. It was relaid at the expense of the contractor, and is now in perfect working order. Six-inch pipe has in some cases been used in connecting the traps with the reservoirs, which is found to be too small, as it is easily obstructed. Twelve-inch pipe has been substituted. The brick and pipe sewers in this city and Georgetown are in good condition, with few exceptions, where complaints are made relative to overflow and back-water. This is generally attributed to the incapacity of a number of small pipe-sewers which were laid by the board of public works. The only remedy for this whole difficulty will be the laying of a number of auxiliary sewers. To accomplish this will require quite a large outlay. Your attention is especially called to the large number of cast-iron man-hole covers that have been stolen during the year. The junk-shops and founderies have been searched, but none have been recovered. I respectfully recommend that a lock be attached to each, which can be done at a small expense. Chains and staples have been tried as an experiment on some of them and have proved useless.

CLEANING ALLEYS.

The alleys are now cleaned at a much less cost than any previous year. Those that are paved with cobble-stones are constantly in need

of repairs. I suggest that hereafter all alleys which are unimproved or need extensive repairs be concreted. Machinery can be procured for this purpose at a small outlay, and all necessary repairs upon streets and avenues paved with concrete could be made at a moderate cost.

CLEANING STREETS AND AVENUES.

The cleaning of streets and avenues has been done in a satisfactory manner. The present contractor has been at work for the past seven months, and the amount saved during this period in comparison with the price paid last year is \$9,111, a very considerable item. The following streets and avenues should be cleaned twice a week: Pennsylvania avenue, from First to Seventeenth; Fifteenth, from Pennsylvania to New York avenue; B north and south, from First east to First west; First east and west, from B north to B south; B north, from Seventh to Twelfth; F, from Fifth to Fifteenth; G, from New Jersey avenue to Fifteenth; Ninth, from B north to M; Seventh, from B north to Q; and Bridge, from Rock Creek to Market street, Georgetown. All other paved streets should be cleaned once a week. Under the present system the majority of the streets and avenues are cleaned once a month, and the residents thereon complain that they are slighted, and they certainly have just cause for complaint, especially during the autumn months when the leaves are falling from the trees. A number of arrests have been made (not by the police) of parties sweeping rubbish into the streets from their stores. Under the existing law they are entitled to twenty-four hours to remove it. This should be changed by striking out the twenty-four-hour clause.

CITY RAILROADS.

It is greatly to be deplored that the city railroad companies persist in repairing between their tracks with cobble and other irregular stones, as it is constantly being repaired, and destroys the appearance of the street.

WOOD PAVEMENTS.

Very few repairs have been made upon wood pavements during the past season, and those only when found absolutely necessary to prevent accidents. I recommend that hereafter all repairs to wood pavements be made by filling the holes with gravel, as the blocks are in such a state of decay that it would be useless to repair them with the same material.

OBSTRUCTED STREETS.

I desire to call your attention to the great nuisance caused by the obstruction of streets by the wagons of dealers, in the vicinity of the several market-houses, especially Seventh and Ninth streets, between B north and Pennsylvania avenue. These two streets are thoroughfares that are in constant use, and at times on market days it is impossible for carriages to pass. The carriage-way on B street north, between Seventh and Twelfth streets, was made of an extraordinary width for the purpose of parking wagons thereon. I suggest that some measures be taken to enforce this rule and keep these streets clear.

CHAIN-GANG.

The chain-gang has been advantageously used in grading and graveling streets, cleaning gutters, and digging tree-holes. The average number worked is seventy-five, with six overseers and from twelve to twenty carts. These men are imprisoned for petty offenses, and much prefer working to being confined in the jail or work-house. They work as well as paid laborers, and very few have escaped. The amount saved to the District, rating them at the same wages paid laborers, is \$16,162.

COMMUNICATIONS.

I have received from your office 590 communications; of these, 508 have been acted upon. A large number of them are from the board of health, and some of these are of a very trifling character.

In conclusion, I desire to thank you for the many courtesies extended me in our official relations.

Very respectfully,

CHAS. W. CUNNINGHAM.

Lieut. R. L. HOXIE, U. S. A.,
Engineer District of Columbia.

	Labor.	Material.	Total.
SUNDRIES.			
Overseer of repairs.....	\$1,606 66	.....	\$1,606 66
Clerk.....	949 00	.....	949 00
Superintendent of wharf.....	399 50	.....	399 50
Time-keeper.....	900 00	.....	900 00
Detailed as messengers, Morrison building.....	446 50	.....	446 50
Detailed to field service.....	355 50	.....	355 50
Detailed to superintendent of property.....	531 00	.....	531 00
Police duty.....	485 25	.....	485 25
Watching machinery.....	119 50	.....	119 50
Building shed for van.....	85 75	\$30 41	116 16
Paving yard of engine-house No. 4.....	269 25	95 50	364 75
Paving around hay-scales, Seventh and P streets, northwest.....	19 50	7 00	19 50
Repairing Northern market-house.....	59 50	90 50	90 00
Flooring K street bridge, Rock Creek.....	907 75	404 00	611 75
Flooring M street bridge, Rock Creek.....	109 50	667 44	769 94
Placing guard around urinal.....	90 00	6 00	96 00
Repairing pumps.....	4,176 50	907 90	5,084 40
Cleaning traps.....	4,215 00	.....	4,215 00
Cleaning sewers.....	9,561 00	95 33	9,656 33
Cleaning gutters.....	1,632 38	.....	1,632 38
Cleaning graveled streets.....	281 50	.....	281 50
Repairing sewers.....	416 50	94 00	510 50
Building sewer, I street southwest, between First & Canal streets.....	363 50	657 19	1,280 69
Building sewer, I street northeast, between Ninth & Tenth streets.....	180 50	171 37	351 87
Building sewer, Twelfth and N streets, northwest.....	53 00	51 24	104 24
Total.....	96,709 04	3,407 88	30,116 92
REPAIRS OF COUNTY ROADS AND BRIDGES.			
Carroll road.....	1,739 75	9 25	1,749 00
Rock Creek Church road.....	458 50	.....	458 50
Broad Branch road.....	781 00	.....	781 00
Murdoch Mill road.....	418 25	.....	418 25
Ridge road.....	2,513 75	.....	2,513 75
Woodley Lane road.....	3,093 50	38 50	3,099 00
Piney Branch road.....	451 75	.....	451 75
Sargent road.....	82 00	.....	82 00
Walker road.....	117 00	.....	117 00
Bladenburgh road.....	1,185 50	.....	1,185 50
Old Bladenburgh road.....	523 75	.....	523 75
Linman Hill road.....	854 00	94 00	878 00
Seventh street road.....	1,794 15	30 16	1,824 31
Benning's road.....	171 00	16 70	187 70
Anacostia road.....	92 00	3 75	94 75

	Labor.	Material.	Total.
REPAIRS OF COUNTY ROADS AND BRIDGES—Continued.			
Milk-house Ford road	\$559 00	\$23 25	\$582 25
Hillsdale roads	387 00		387 00
Blair road	287 50		287 50
Pierce Mill road	652 00		652 00
Brentwood road	705 50		705 50
Lincoln road	922 50		922 50
New Cut road	1,548 38	197 40	1,745 78
Chase road	107 50		107 50
Spring road	256 00		256 00
Riggs road	202 00		202 00
Central avenue	221 50		221 50
Military road	77 00		77 00
Swart's road	34 50		34 50
Daniels's road	374 50		374 50
Livingson road	132 00		132 00
Queen's Chapel road	93 00	75 76	168 76
Nichols avenue	186 00		186 00
Harrison street	100 00		100 00
Suit road	21 00	31 50	52 50
Sumner street	150 75		150 75
Total	21,186 53	449 27	21,635 80
REPAIRS OF STREETS AND SIDEWALKS.			
First street west	326 45	44 75	371 21
Second street west	82 47	2 25	84 72
Third street west	73 04	11 95	84 99
Fourth street west	80 62	86	81 48
Fourth-and-a-half street west	48 78	85	49 63
Fifth street west	85 35	2 90	88 25
Sixth street west	207 00	8 31	215 31
Sixth-and-a-half street west	14 95		14 95
Seventh street west	450 28	175 10	625 38
Eighth street west	39 75	85	40 60
Ninth street west	209 00	57 37	266 37
Tenth street west	220 70	9 32	230 02
Eleventh street west	118 90	2 42	121 32
Twelfth street west	177 85	70	178 65
Thirteenth street west	331 33	11 52	342 85
Thirteenth-and-a-half street west	52 30	1 96	54 26
Fourteenth street west	311 00	9 70	320 70
Fifteenth street west	75 75	4 70	80 45
Sixteenth street west	31 70		31 70
Seventeenth street west	75 15		75 15
Eighteenth street west	91 50	2 85	94 35
Nineteenth street west	156 00	14 90	170 90
Twentieth street west	133 80	64 10	197 90
Twenty-first street west	37 00		37 00
Twenty-second street west	68 75		68 75
Twenty-third street west	123 25	13 50	136 75
Twenty-fourth street west	183 50	22 00	205 50
Twenty-fifth street west	107 75		107 75
Twenty-sixth street west	423 20	116 85	540 05
Twenty-seventh street west	18 50		18 50
Half street east	94 50		94 50
First street east	44 90		44 90
Second street east	41 40	45	41 85
Third street east	136 50	20 20	156 70
Fourth street east	45 30		45 30
Fifth street east	37 00	65	37 65
Sixth street east	453 00	5 50	458 50
Eighth street east	20 97	95	21 92
Ninth street east	159 50	104 47	263 97
Tenth street east	18 90	11 00	29 90
Eleventh street east	911 03	69 00	980 03
A street north	37 00		37 00
B street north	1,974 38	931 11	2,905 49
C street north	426 35	6 00	432 35
D street north	104 40	4 65	109 05
E street north	740 00	363 25	1,103 25
F street north	31 00	1 00	32 00
G street north	41 40	79 30	120 70
H street north	427 95	21 50	451 45
I street north	190 00	5 65	195 65
K street north	608 72		608 72
L street north	58 32		58 32
M street north	82 55		82 55
N street north	112 50	17 20	129 70
O street north	221 77	62 50	284 27
P street north	169 66		169 66
Q street north	169 43		169 43
R street north	1,226 85	126 00	1,352 85
S street north	50 50		50 50

	Labor.	Material.	Total.
REPAIRS OF STREETS AND SIDEWALKS—Continued.			
T street north.....	\$36 75		\$36 75
V street north.....	30 50		30 50
A street south.....	24 00		24 00
B street south.....	34 60		34 60
C street south.....	132 30		132 30
D street south.....	126 25		126 25
E street south.....	43 90	\$10 50	54 40
F street south.....	215 85		215 85
G street south.....	66 21	90	67 11
H street south.....	51 00		51 00
I street south.....	16 00		16 00
K street south.....	21 50		21 50
M street south.....	70 50		70 50
N street south.....	35 25		35 25
Boundary street.....	134 55		134 55
Columbia street.....	178 50		178 50
De Sales street.....	102 00	11 21	113 21
East Capitol street.....	15 50		15 50
North Capitol street.....	628 37		628 37
Pierce street.....	19 50		19 50
South Capitol street.....	432 37		432 37
Stoughton street.....	539 00	500 75	1,039 75
Delaware avenue.....	49 00	1 36	50 36
Louisiana avenue.....	28 80		28 80
Massachusetts avenue.....	1,601 37	189 96	1,791 33
Maryland avenue.....	263 00		263 00
New Hampshire avenue.....	18 00		18 00
New Jersey avenue.....	302 60		302 60
New York avenue.....	663 20	13 10	676 30
Pennsylvania avenue.....	310 92	14 79	325 71
Vermont avenue.....	305 95		305 95
Virginia avenue.....	73 70		73 70
First street, Georgetown.....	101 50		101 50
Taird street, Georgetown.....	201 00	123 82	324 82
Bridge street, Georgetown.....	63 20		63 20
Congress street, Georgetown.....	121 00	6 35	127 35
Dunbarton street, Georgetown.....	4 40		4 40
Fayette street, Georgetown.....	16 00	3 25	19 25
Frederick street, Georgetown.....	42 00		42 00
Gay street, Georgetown.....	29 80	11 00	40 80
Grace street, Georgetown.....	8 80		8 80
Greene street, Georgetown.....	11 00		11 00
High street, Georgetown.....	147 75	38 44	186 19
Jackson street, Georgetown.....	27 00		27 00
North street, Georgetown.....	2 80	75	3 55
Montgomery street, Georgetown.....	4 95		4 95
Valley street, Georgetown.....	21 00	6 00	27 00
Water street, Georgetown.....	13 23		13 23
West street, Georgetown.....	4 78		4 78
Washington street, Georgetown.....	29 23	1 00	30 23
	20,454 88	3,347 17	23,802 05
PLANK SIDEWALKS.			
Third street east.....	9 00	10 95	19 95
Fourth street west.....	31 00	7 69	38 69
Fourth-and-a-half street west, extended.....	33 50	19 00	52 50
Seventh street west.....	157 50	124 40	281 90
Eighth street west.....	81 50	43 50	125 00
Fourteenth street west.....	6 00	2 20	8 20
Eighteenth street west.....	22 00	12 33	34 33
Twenty-second street west.....	46 50	15 10	61 60
Twenty-third street west.....	11 00	11 87	22 87
Twenty-fourth street west.....	47 50	32 00	79 50
B street north.....	68 00	29 50	97 50
D street north.....	14 50	8 50	23 00
F street north.....	60 00	33 98	93 98
G street.....	15 75	11 50	27 25
H street.....	103 25	53 50	156 75
I street.....	4 75	1 47	6 22
J street.....	6 00	7 14	13 14
K street.....	29 25	16 21	45 46
L street.....	15 00	11 40	26 40
M street.....	64 50	22 40	86 90
	826 50	474 64	1,301 14
REPAIRS OF TRAPS AND MAN-HOLES.			
First street and Pennsylvania avenue, northwest.....	7 00	1 14	8 14
First and C streets, northwest.....	12 25	40	12 65
First, between G and H streets, northwest.....	13 00	7 00	20 00
First, between B and C streets, northwest.....	10 50		10 50

	Labor.	Material.	Total
REPAIRS OF TRAPS AND MAN-HOLES—Continued.			
First, between D and C streets, northwest	\$7 00	\$0 50	\$7 50
First, between D and E streets, northwest	3 50	—	3 50
First, between D and E streets, northeast	8 75	50	9 25
First, between B and C streets, southwest	13 00	3 50	16 50
Second and H streets, northwest	35 00	22 37	57 37
Second, between B and C streets, northwest	1 75	70	2 45
Second, between A street and Pennsylvania avenue, northeast	7 00	—	7 00
Third and E streets, northwest	1 75	75	2 50
Third, between L and M streets, northwest	7 00	—	7 00
Third, between E street and Indiana avenue, northwest	6 75	10 00	16 75
Third, between D and E streets, northwest	7 00	1 00	8 00
Third street and Massachusetts avenue, northeast	13 00	20 95	33 95
Third street and Maryland avenue, northeast	17 50	68 38	85 88
Third and C streets, northeast	17 50	54 73	72 23
Third, between L and M streets, southwest	1 50	3 50	5 00
Fourth and O streets, northwest	7 50	9 00	16 50
Fourth-and-a-half and H streets, southwest	7 00	—	7 00
Fourth-and-a-half and E streets, southwest	1 75	50	2 25
Fourth-and-a-half and C streets, southwest	3 50	7 00	10 50
Fourth-and-a-half, between E and F streets, southwest	14 00	7 00	21 00
Fourth-and-a-half, between C street and Maryland ave., southwest	3 50	—	3 50
Fifth, between G and H streets, northwest	7 00	50	7 50
Sixth and L streets, northwest	7 00	5 00	12 00
Sixth and O streets, northwest	1 75	—	1 75
Sixth and B streets, northwest	7 00	—	7 00
Sixth and G streets, northwest	2 25	52	2 77
Sixth and H streets, northwest	10 00	1 50	11 50
Sixth and P streets, northwest	7 00	6 00	13 00
Sixth and Boundary streets, northwest	3 50	55	4 05
Sixth, between H and I streets, northwest	3 50	25	3 75
Sixth street, between Pennsylvania and Missouri avenues	7 00	1 25	8 25
Sixth street and Maryland avenue, southwest	7 00	4 71	11 71
Sixth and F streets, southwest	3 50	3 50	7 00
Sixth street and Missouri avenue, southwest	10 00	5 00	15 00
Sixth and H streets, northeast	5 25	—	5 25
Sixth and K streets, northeast	77 00	69 18	146 18
Seventh and B streets, northwest	6 75	20	6 95
Seventh street and Louisiana avenue, northwest	9 00	—	9 00
Seventh, between B street and Pennsylvania avenue, northwest	13 50	3 50	17 00
Seventh, between B and B streets, southwest	3 50	—	3 50
Seventh street and Maryland avenue, southwest	30 00	3 50	33 50
Seventh and D streets, southwest	7 00	3 50	10 50
Seventh and B streets, southwest	13 50	2 50	16 00
Eighth and I streets, northwest	14 00	9 75	23 75
Eighth and H streets, northwest	6 00	—	6 00
Ninth and M streets, northwest	8 75	16 00	24 75
Ninth and F streets, northwest	10 50	40 58	51 08
Tenth and Columbia streets, northwest	7 00	2 75	9 75
Tenth and R streets, northwest	7 00	3 50	10 50
Tenth, between M and N streets, northwest	38 00	22 83	60 83
Tenth, between R street and Rhode Island avenue, northwest	14 00	6 00	20 00
Tenth and C streets, southwest	15 25	6 50	21 75
Eleventh and K streets, northwest	3 50	—	3 50
Eleventh and C streets, southwest	14 00	13 50	27 50
Eleventh street and Virginia avenue, southwest	31 00	81 90	112 90
Eleventh street and South Carolina avenue, southeast	7 00	—	7 00
Twelfth street and Massachusetts avenue, northwest	3 50	—	3 50
Twelfth street and Pennsylvania avenue, northwest	23 25	19 75	43 00
Twelfth and C streets, northwest	31 00	—	31 00
Twelfth and B streets, northwest	27 00	23 25	50 25
Twelfth and P streets, northwest, (two traps)	49 00	163 80	202 80
Twelfth and G streets, southeast	14 00	13 00	27 00
Twelfth and I streets, southeast	3 50	—	3 50
Thirteenth, between M and N streets, northwest	10 50	3 50	14 00
Fourteenth and K streets, northwest	17 50	16 75	34 25
Fourteenth, between H and I streets, northwest	10 50	2 75	13 25
Fourteenth, between B and B streets, southwest	17 50	6 25	23 75
Fifteenth and T streets, northwest	2 25	50	2 75
Sixteenth and T streets, northwest	6 75	—	6 75
Sixteenth, between M and N streets, northwest	7 00	1 50	8 50
Sixteenth, between K and L streets, northwest	3 50	—	3 50
Sixteenth, between P and Q streets	3 50	20	3 70
Seventeenth and N streets, northwest	21 00	39 41	60 41
Seventeenth and De Sales streets, northwest	2 75	1 25	4 00
Seventeenth and Q streets, northwest	3 50	50	4 00
Seventeenth and P streets, northwest	7 50	2 00	9 50
Eighteenth and F streets, northwest	7 00	—	7 00
Eighteenth and G streets, northwest	7 00	27 50	34 50
Twentieth and Q streets, northwest	3 50	40	3 90
Twentieth, between K and L streets, northwest	10 50	4 50	15 00
Twentieth, between L and M streets, northwest	7 00	—	7 00
Twenty-first street and Virginia avenue, northwest	3 50	—	3 50

	Labor.	Material.	Total.
REPAIRS OF TRAPS AND MAN-HOLES—Continued.			
Twenty-fourth, between L and M streets, northwest.....	\$4 75	.....	\$4 75
Twenty-fifth and K streets, northwest.....	7 00	\$3 50	10 50
Twenty-sixth, between I and K streets, northwest.....	3 50	.....	3 50
A. between Third and Fourth streets, southeast.....	1 75	7 00	8 75
B. between Seventh and Ninth streets, northwest.....	5 25	1 50	6 75
C. street and New Jersey avenue, northwest.....	1 50	.....	1 50
D. street and Delaware avenue, northeast.....	2 50	1 00	3 50
D. between Ninth and Tenth streets, northwest.....	18 00	4 75	22 75
E. street and New Jersey avenue, northwest.....	21 00	81 00	102 00
F. between Fifth and Sixth streets, northwest.....	15 25	13 25	28 50
F. between Ninth and Tenth streets, northwest.....	15 50	4 75	20 25
G. between Fourth and a-half and Sixth streets, southwest.....	24 50	16 50	41 00
G. between Seventeenth and Eighteenth streets, northwest.....	4 25	.....	4 25
H. between Twentieth and Twenty-first streets, northwest.....	3 50	.....	3 50
H. between First street and Delaware avenue, northeast.....	7 00	.....	7 00
I. between Eleventh and Twelfth streets, northwest.....	7 50	1 90	9 40
L. between Sixth and Seventh streets, northwest.....	7 00	1 17	8 17
L. between Seventh and Eighth streets, northwest.....	3 50	.....	3 50
L. between Fifteenth street and Vermont avenue, northwest.....	3 50	.....	3 50
L. street and Connecticut avenue, northwest.....	7 00	2 75	9 75
M. between Thirteenth and Fourteenth streets, northwest.....	3 50	3 50	7 00
N. between Fourth and Fifth streets, northwest.....	15 25	3 75	19 00
O. between Fifth and Sixth streets, northwest.....	3 50	7 50	11 00
P. between Fifteenth and Sixteenth streets, northwest.....	1 25	3 25	4 50
P. street bridge, northwest.....	69 00	12 50	74 50
Q. street and Connecticut avenue, northwest.....	12 25	87	13 12
R. between Twelfth and Thirteenth streets, northwest.....	17 00	3 30	20 30
R. between Sixteenth and Seventeenth streets, northwest.....	1 25	7 50	8 75
R. street and Connecticut avenue, northwest.....	10 50	5 50	16 00
R. and Boundary streets, northwest.....	8 25	.....	8 25
Delaware avenue and H. street, northeast.....	9 00	2 50	11 50
Judiciary Square, northwest.....	14 00	26 66	40 66
Massachusetts avenue and Eighth street, northeast.....	17 50	74 22	91 72
Massachusetts avenue and Ninth street, northeast.....	17 50	74 22	91 72
Massachusetts avenue and Tenth street, northeast.....	17 50	74 22	91 72
New Jersey and Virginia avenues, southeast.....	5 25	75	6 00
New Jersey avenue, between Q and R streets, northwest.....	2 50	70	3 20
New Jersey avenue and G. street, northwest.....	14 00	4 00	18 00
Nichols avenue, Uniontown.....	21 00	9 75	30 75
North Capitol street and Massachusetts avenue, northwest.....	17 00	16 66	33 66
North Capitol and I streets, northeast.....	21 25	3 33	24 58
Rhode Island avenue and Seventeenth street, northwest.....	3 00	.....	3 00
Rhode Island avenue, between Ninth and Tenth streets, northwest.....	17 00	7 50	24 50
First and Potomac streets, Georgetown.....	7 50	.....	7 50
First and Frederick streets, Georgetown.....	14 00	3 80	17 80
Second and Market streets, Georgetown.....	16 50	11 85	28 35
Fourth and High streets, Georgetown.....	7 00	3 50	10 50
Fourth, between High and Market streets, Georgetown.....	7 00	11 75	18 75
Bridge and Congress streets, Georgetown.....	16 50	1 40	17 90
Bridge and Potomac streets, Georgetown.....	10 50	2 20	12 70
Bridge and High streets, Georgetown.....	3 50	.....	3 50
Bridge and Washington streets, Georgetown.....	6 00	.....	6 00
Jefferson and Water streets, Georgetown.....	17 50	3 50	21 00
Jefferson street, near canal, Georgetown.....	3 50	.....	3 50
High and Beall streets, Georgetown.....	7 50	3 50	11 00
Alley in square No. 168.....	10 50	7 50	18 00
Alley in square No. 178.....	10 50	7 50	18 00
Alley in square No. 180.....	7 50	4 50	12 00
Alley in square No. 257.....	10 50	2 50	13 00
Alley in square No. 335.....	21 00	9 00	30 00
Alley in square No. 369.....	13 50	4 50	18 00
Alley in square No. 371.....	23 50	4 95	28 45
Alley in square No. 449.....	53 00	38 40	91 40
Alley in square No. 454.....	11 75	17 20	28 95
Alley in square No. 494.....	17 00	75	17 75
Alley in square No. 491.....	14 00	6 25	20 25
Alley in square No. 501.....	7 00	.....	7 00
Alley in square No. 528.....	9 25	.....	9 25
Alley in square No. 533.....	10 50	1 25	11 75
Alley in square No. 544.....	17 00	4 90	21 90
Alley in square No. 574.....	7 50	2 10	9 60
Alley in square No. 575.....	22 25	1 75	24 00
Alley in square No. 569.....	10 50	70	11 20
Total.....	1,811 25	1,496 70	3,307 95
REPAIRS OF ALLEYS.			
Alley in square No. 70.....	22 50	1 18	23 68
Alley in square No. 75.....	145 50	29 20	174 70
Alley in square No. 921.....	69 50	11 20	73 70
Alley in square No. 229.....	124 50	47 95	172 45
Alley in square No. 245.....	25 00	.....	25 00

	Labor.	Material.	Total.
REPAIRS OF ALLEYS—Continued.			
Alley in square No. 333.....	\$35 65	\$4 50	\$40 15
Alley in square No. 336.....	7 00	.....	7 00
Alley in square No. 337.....	14 00	2 50	16 50
Alley in square No. 338.....	43 80	6 25	50 05
Alley in square No. 339.....	204 00	49 00	253 00
Alley in square No. 365.....	26 90	.....	26 90
Alley in square No. 366.....	28 00	1 45	29 45
Alley in square No. 367.....	13 85	4 25	18 10
Alley in square No. 373.....	15 50	3 90	19 40
Alley in square No. 404.....	7 40	.....	7 40
Alley in square No. 447.....	16 50	3 20	19 70
Alley in square No. 449.....	21 00	1 00	22 00
Alley in square No. 453.....	13 40	10 75	24 15
Alley in square No. 454.....	111 00	5 00	116 00
Alley in square No. 461.....	20 00	.....	20 00
Alley in square No. 490.....	76 00	18 00	94 00
Alley in square No. 491.....	37 50	4 20	41 70
Alley in square No. 499.....	27 50	9 50	37 00
Alley in square No. 510.....	12 20	1 20	13 40
Alley in square No. 511.....	50 30	4 00	54 30
Alley in square No. 512.....	15 00	50	15 50
Alley in square No. 513.....	16 50	.....	16 50
Alley in square No. 527.....	16 50	3 20	19 70
Alley in square No. 565.....	31 25	.....	31 25
Alley in square No. 623.....	84 00	10 60	94 60
Alley in square No. 900.....	2, 119 88	.....	2, 119 88
Total.....	1, 544 63	232 53	1, 777 16
CONTRACTORS.			
S. Cook, sewer, Thirteenth-and-a-half, between B and D streets, southwest.....	218 63	87 02	305 65
S. Cook, Ninth street, southwest.....	782 50	133 50	896 00
J. Taylor, moving property to yard.....	251 00	.....	251 00
Gantz & Appelman, Nineteenth street.....	187 75	43 72	231 47
P. Cullinane, K street, northeast.....	7 50	.....	7 50
Albert Gleason, K street, northeast.....	7 50	.....	7 50
Albert Gleason, trap, Fifth and R streets, northwest.....	3 25	.....	3 25
Albert Gleason, Seventh street, northwest.....	114 50	.....	114 50
M. M. Parker, alley, Twelfth, between N and O streets.....	12 00	10 77	22 77
Wroe Brothers, sewer, F, between First and North Capitol streets.....	100 50	3 70	104 20
Total.....	*1, 665 13	*278 71	*1, 943 84
RECAPITULATION.			
Overseer of repairs.....	1, 606 66	.....	1, 606 66
Clerk.....	942 00	.....	942 00
Superintendent of wharf.....	392 50	.....	392 50
Time-keeper.....	200 00	.....	200 00
Detailed as messenger, Morrison building.....	446 50	.....	446 50
Detailed to field-service.....	353 50	.....	353 50
Detailed to superintendent of property.....	531 00	.....	531 00
Police-duty.....	485 25	.....	485 25
Watching machinery.....	112 50	.....	112 50
Building shed for van.....	85 75	30 41	116 16
Paving shed of No. 4 engine-house.....	269 25	95 50	364 75
Paving yard of bay-scales, Seventh and P streets.....	12 50	7 00	19 50
Repairing Northern Market-House.....	59 50	20 50	80 00
Flooring K street bridge, (Rock Creek).....	207 75	404 00	611 75
Flooring M street bridge, (Rock Creek).....	109 50	667 44	769 94
Placing guard-stones around urinal.....	20 00	6 00	26 00
Repairing pumps.....	4, 176 50	907 90	5, 084 40
Cleaning traps.....	4, 215 00	.....	4, 215 00
Cleaning sewers.....	9, 561 00	95 33	9, 656 33
Cleaning gutters.....	1, 632 38	.....	1, 632 38
Cleaning graveled streets.....	281 50	.....	281 50
Repairing sewers.....	416 50	94 00	510 50
Building sewer, I street, southwest, between First and Canal streets.....	363 50	857 19	1, 220 69
Building sewer, I street, northeast, between Ninth and Tenth streets.....	180 50	171 37	351 87
Building sewer, Twelfth and N streets, northwest.....	53 00	51 24	104 24
Contractors.....	1, 665 13	278 71	1, 943 84
Repairs of county roads and bridges.....	21, 186 53	449 27	21, 635 80
Repairs of streets and sidewalks.....	20, 454 88	3, 347 17	23, 802 05
Plank sidewalks.....	826 50	474 64	1, 301 14
Repairs of traps and manholes.....	1, 611 25	1, 496 70	3, 107 95
Repairs of alleys.....	1, 544 63	232 53	1, 777 16
Deduct amount charged contractors.....	74, 197 96	9, 686 90	83, 884 86
	1, 665 13	278 71	1, 943 84
	72, 532 83	9, 408 19	81, 941 02

* These amounts to be deducted from contractors' accounts.

VIII.—APPENDIX No. 7.—REPORT OF SUPERINTENDENT OF PROPERTY.

SIR: I have the honor to transmit herewith the annual report of the Superintendent of Property for the year ending November 30, 1876, as follows:

CLASS 1.—Stationery.

Total amount purchased as per abstract and invoices	\$7, 220 52
<hr/>	
Issued to—	
Commissioners District of Columbia.....	347 90
Various District offices.....	1, 530 82
Public schools.....	3, 898 24
Police court.....	129 19
Comptroller and auditor.....	124 91
Collector District of Columbia.....	187 21
Washington Asylum.....	55 53
Attorney District of Columbia.....	96 31
Deputy comptroller.....	58 52
Fire department.....	56 03
Superintendent of assessments.....	388 55
Board of audit.....	7 50
Treasurer District of Columbia.....	90 24
Water-registrar.....	249 57
	<hr/>
	7, 220 52

CLASS 2.—Blank forms and printing.

114,200 blanks, half letter.....	685 20
169,500 blanks, quarter letter.....	593 25
6,100 blanks, full cap.....	64 90
35,000 blanks, half cap.....	210 00
11,950 blanks, folio post.....	179 25
4,500 blanks, half folio post.....	38 25
2,000 blanks, demy.....	34 00
8,500 blanks, medium.....	170 00
Miscellaneous.....	1, 357 33
	<hr/>
	3, 332 18
<hr/>	
Issued to—	
District offices.....	56 29
Police court.....	147 39
Collector District of Columbia.....	651 05
Public schools.....	655 28
Attorney District of Columbia.....	709 87
Water-registrar.....	312 30
	<hr/>
	3, 332 18

CLASS 3.—School-books.

Total amount purchased as per abstract and invoices.....	4, 405 61
Issued to the public schools as per abstract.....	4, 405 61

CLASS 4.—Furniture.

Total amount purchased as per abstract and invoices.....	14, 049 59
<hr/>	
Issued to—	
District offices.....	622 08
Fire department.....	1, 384 71
Metropolitan police.....	2, 622 13
Police court.....	236 61
Public schools.....	8, 695 28
Washington Asylum.....	488 78
	<hr/>
	14, 049 59

2 lap-blankets.....	\$30 00
Miscellaneous.....	1,066 66
5 set single harness.....	225 00
2 set double harness.....	70 00
4,500 pounds tree-straps.....	900 00
406½ pounds sole-leather.....	177 66
Fire department hose, per invoice of Walton Brothers.....	11,874 12

14,628 81

Issued to—	
Fire department.....	13,132 24
Washington Asylum.....	142 05
Police-court van.....	22 71
District offices.....	254 15
Engineer District of Columbia, (tree-straps,).....	900 00
Engineer District of Columbia, (sole-leather,).....	177 66

14,628 81
CLASS 11.—*Lumber and building material.*

Total amount purchased as per abstract and invoices.....	3,556 19
Tree-boxes.....	3,102 00
Tree-stakes.....	1,466 40

8,124 59

Issued to—	
Washington Asylum.....	523 96
Engineer District of Columbia.....	1,611 60
Fire department.....	207 41
Public schools.....	1,150 86
Water registrar.....	62 36
Parking commission.....	4,568 40

8,124 59
CLASS 12.—*Forage.*

144½ bushels corn.....	100 95
1,523½ bushels corn-meal.....	1,096 92
164,454 pounds hay.....	2,220 13
4,488½ bushels oats.....	2,423 79
1,513 bushels shorts.....	347 99
77,630 pounds straw.....	970 37
9 bushels flaxseed meal.....	18 00

7,178 15

Issued to—	
Fire department.....	4,641 49
Washington Asylum.....	2,219 46
Water registrar.....	317 20

7,178 15
CLASS 13.—*Fresh and salt meats.*

2,925 pounds fresh beef, first quality.....	234 00
56,190 pounds fresh beef, second quality.....	3,933 30
11,170 pounds corned beef.....	670 20
800 pounds smoked ham.....	112 00
9,030 pounds Weston's shoulders.....	903 00

5,852 50

Issued to the Washington Asylum, per abstract.....	5,852 50
--	----------

CLASS 14.—*Ice.*

Total amount purchased, per abstract and invoices	\$363 79
---	----------

Issued to—	
District offices	143 88
Fire department	57 35
Fire-alarm telegraph	8 10
Metropolitan police	78 48
Public schools	5 51
Police court	43 92
Washington Asylum	26 55

363 79

CLASS 15.—*Lamp-posts, castings, and street-lamps.*

322 street-lamps	1,577 80
241 lamp-posts	1,956 92
Miscellaneous castings	454 18

3,988 90

Issued to—	
Engineer, District of Columbia	3,930 94
Public schools	57 96

3,988 90

CLASS 16.—*Fuel.*

2,422 ²² / ₁₀₀ tons white ash coal	13,176 21
8 tons red-ash coal	43 52
533 tons Cumberland	2,025 40
18 tons splint	126 00
221 ¹ / ₂ cords pine wood, long	1,052 00
216 ¹ / ₂ cords sawed and split wood	1,315 74
Storing away fuel	564 43

18,303 30

Issued to—	
Water registrar	2,069 21
Fire department	1,376 55
Washington Asylum	2,171 65
District offices	766 26
Public schools	10,494 78
Police court	249 47
Fire-alarm telegraph	27 20
Metropolitan police	1,039 38
Surveyor, District of Columbia	108 80

18,303 30

CLASS 17.—*Construction material.*

Total amount received and to be accounted for	199,091 65
---	------------

199,091 65

Issued to the engineer, D. C., for public work, as per abstract	104,078 77
Balance on hand	95,012 88

199,091 65

CLASS 18.—*Miscellaneous supplies and expenses.*

Miscellaneous supplies	12,051 42
Miscellaneous expenses	9,492 30

21,543 72

Fire-alarm telegraph	46 45
Metropolitan police	136 30
Police court	305 25
Washington Asylum	359 06

District offices	\$7,551 26
Fire department	1,209 37
Water registrar	10,713 92
Public schools	1,222 11
	<hr/>
	21,543 72

RECAPITULATION.

Total to be accounted for	\$330,685 33
Total amount issued	235,672 45
Balance remaining on hand	95,012 88

Very respectfully,

E. B. TOWNSEND,
Superintendent of Property.

Lieut. R. L. HOXIE, U. S. A.,
Engineer District of Columbia.

NOVEMBER 29, 1876.

VIII.—APPENDIX No. 8.—REPORT OF OVERSEER OF LAMPS.

ENGINEER'S OFFICE,
Washington, D. C., November 30, 1876.

SIR: I have the honor to submit my report of work done and expenditures incurred from November 30, 1875, to November 30, 1876, as shown by the certified bills of this office, giving a total of \$149,174.77.

The law regulating the lighting of the street-lamps has been fully complied with during the past year, as the lamps have been lighted 2,200 hours.

The Washington Gas-light Company having reduced the price of gas to their private consumers, voluntarily reduced the price of lighting the street-lamps. The law of Congress fixed the price at \$40 per lamp per year, and on the 1st of May the gas company reduced the price to \$36.70 per lamp per year, thereby making a large saving in the cost of gas for the streets.

During the past year the lamps have been extended as far as the gas company's mains would permit, and where the improvements required them.

I would again respectfully recommend that some steps be taken whereby the expense of lighting the city may be materially reduced. This can be done in several ways without any very great inconvenience to the public; for instance, there is a large number of Government lamps in open reservations, in which a number can be dispensed with, and there is a large number of Government lamps which this city is compelled to light, and which is a very great source of expense to this District, and to which the attention of Congress should be called, as it will require an act of Congress to release the city of this burden.

There is a great demand for lamps in the suburbs of the city, where the improvements have not reached, and where no necessity exists at present for lamps; and I would respectfully recommend that no more lamps be erected in the suburbs for the present.

I would respectfully state that 103 lamps, which are located in the inclosed Government squares, and which have been lighted by the city, have again been resumed by the superintendent of public buildings and

grounds, and are now lighted and paid for by the General Government, which is a large saving to the city.

In the city of Georgetown but few lamps have been erected, owing to the limited extent of the mains.

During the past year the names of the streets have been placed on the lamps, which will not only be a great advantage to strangers, but also to the residents of the city.

I would also state that, by a request from this office, the Georgetown Gas Company very kindly consented to a reduction of 25 cents per thousand feet in the price of gas, which will make a considerable reduction in the gas-bills of that city.

I also have the honor to submit a tabular statement of gas consumed by the different departments of the District, with the number of street-lamps erected and repaired, together with the cost thereof.

Very respectfully, your obedient servant,

W. H. BAILEY,
Overseer of Lamps.

Lient. R. L. HOXIE,
United States Army, Engineer of District of Columbia.

TABULAR STATEMENT OF EXPENDITURES FOR LAMPS AND GAS FROM NOVEMBER 30, 1875,
TO NOVEMBER 30, 1876.

Washington, D. C.

Gas for street-lamps.....	\$126,135 77
Gas for District offices.....	753 43
Gas for police-court.....	46 54
Gas for engine-houses.....	1,337 23
Gas for station-houses.....	1,645 96
Gas for school-houses.....	755 43
Gas for market-houses.....	452 31
173 lamp-posts purchased.....	1,250 76
196 lanterns purchased.....	1,012 56
159 lamp-posts erected, for service-pipe, &c.....	1,353 89
70 lamp-posts moved to new curb.....	162 42
580 street-signs placed in lanterns.....	280 00
Number of street-lamps in Washington, D. C., November 30, 1875 ..	3,230
Lamps erected since November 30, 1875.....	159
	<hr/> 3,389
Number of lamps transferred from Washington, D. C., to	
United States Government.....	103
Lamps taken off.....	9
	<hr/> 112
Lamps now being lighted in Washington.....	<hr/> 3,277

Georgetown.

Gas for street-lamps.....	12,612 34
Gas for market-houses.....	184 19
Gas for engine-house.....	153 03
Gas for station-house.....	194 81
15 lamp-posts purchased.....	121 80
47 lanterns purchased.....	235 01
15 lamp-posts erected, for service-pipe, &c.....	187 97
Repairs of tin-work.....	168 67
Glass and globes.....	102 65
Matches.....	28 00
Total expenditures.....	<hr/> 149,174 77

Number of street-lamps in Washington, D. C.....	3,277
Number of street-lamps in Georgetown, D. C.....	346
Total in District of Columbia.....	3,623
Estimate of gas for public offices, streets, and repairs of lamps, for the cities of Washington and Georgetown, for the fiscal year ending June 30, 1877:	
Gas for public offices and streets.....	\$140,000 00
Erecting new lamp-posts and repairs.....	4,500 00
Total of estimate.....	144,500 00
Very respectfully,	

W. H. BAILEY,
Overseer of Lamps.

APPENDIX 9.—TABLE OF CONTRACTS

TABLE NO. 1.—*Contracts and extensions of board of public works recognized as being existing original contracts are those which have appeared in*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Sept. 18, 1871	20	Patrick Cullinane.	Set curbs and lay footwalks ...	4½ st., bet. Mo. ave. and arsenal gate.
July 1, 1872	20	Extension board of public works.	Grade and macadamize.....	4½ st., bet. Mo. ave. and arsenal gate.
Apr. 23, 1873	20	.....do	Park and lay footwalks. (Canceled.)	4½ st., bet. Me. and Mo. aves
Oct. 2, 1874	20*	Commissioners' extension with John G. Stafford.	Lay macadam pavement. (This work given under section 5, original contract.)	4½ st., bet. Mo. ave. and arsenal gate.
Sept. 18, 1871	21	R. S. Hulse	Set curbs and lay footwalks ...	H st., bet. 24th and 25th sts., n. w.
Nov. 23, 1871	21	Extension board of public works.	.....do	H st., bet. 18th and 24th sts., n. w.
July 28, 1873	21	.....do	Lay cobblestone pavement	H st., bet. 22d and 25th sts., n. w.
June 3, 1875	21	Commissioners' extension.	Lay 12-inch pipe-sewers with man-holes and traps.	H st., bet. 23d and 24th sts., n. w.
Sept. 16, 1871	36	John O. Evans	Lay Scharf pavement	17th st., bet. Pa. ave. and G st., n. w.
Nov. 23, 1871	36	Extension board of public works	.....do	17th st., bet. G st. and N. Y. ave., n. w.
June 15, 1872	36	.....do	Grade, lay footwalks, park, and lay Scharf pavement.	17th st., bet. H and I sts., n. w.
May 17, 1873	36	.....do	Set and reset curbs, lay flag footways on the east side and brick footwalks on the west side, and Scharf pavement on the carriageway.	17th st., bet. N. Y. ave. and B st., n. w.
July 2, 1875	36	Commissioners' extension with Thos. P. Morgan.	Complete the unfinished work. (Under assignment of former contractor.)	.....do
Oct. 3, 1871	119	G. W. G. Ealin	Grade. (March 25, 1875, assigned to William Fletcher.)	16th st. road, bet. Boundary st. and Columbia road.
Apr. 17, 1875	119	Commissioners' extension with Wm. Fletcher.	Complete grading .....	.....do
May 13, 1875	119	.....do	To embrace board rates .....	.....do
Oct. 22, 1875	119	.....do	Set curbs, lay footwalks, cobblestone gutters, and macadamize.	16th st. road, bet. Boundary st. and the crest of the hill.
Nov. 3, 1871	131	Joseph S. Weems.	Grade and gravel.....	B st., bet. 1st and 11th sts., n. e.
May 20, 1875	131†	Commissioners' extension, Joseph Smolinaki.	Grade, (no change in original work.)	B st., bet. 1st and 11th sts., n. e.
Oct. 14, 1875	131†	.....do	Set curbs and lay footwalks on the north side.	B st., bet. 8th and 11th sts., n. e.
Dec. 31, 1872	150‡	Thomas Lewis	Set and reset curbs, lay and relay footwalks. Construct sewer laterals, traps, and water-services. Construct 12-inch sewers, with man-holes, traps, laterals, and water-services. Construct 12-inch sewers, with man-holes, traps, and laterals, in alley in— Do	9th st., bet. Pa. ave. and Boundary st., n. w. 9th st., bet. Pa. ave. and E st., n. w. 9th st., bet. K and M sts., n. w. Square 367.....
Aug. 14, 1873	150‡	Relinquished	The setting and resetting of curbs, the laying and relaying of footwalks. And the laying of 12-inch pipe-sewers in alleys in—	Square 399

* Proposals invited.

OF THE BOARD OF PUBLIC WORKS.

Legal obligations on June 20, 1874, and extensions of the same by the Commissioners, where the the printed reports of the late board of public works.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
Complete }	\$48,927 74	\$138,324 75	.....	.....	.....	\$138,324 75	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	\$56,151 55	.....	.....	56,151 55	.....	Complete.
Complete }	18,567 17	20,669 17	17,225 43	.....	.....	37,894 59	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	\$1,341 75	.....	1,341 75	.....	Complete.
Complete }	17,961 53	98,172 16	.....	.....	.....	98,172 16	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	17,961 53	.....	.....	17,961 53	.....	Complete.
Complete }	45,912 80	7,207 95	.....	.....	.....	7,207 95	.....	Complete.
.....	.....	.....	7,882 00	.....	.....	7,882 00	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	7,798 58	.....	7,798 58	.....	Complete.
Complete }	28,547 15	1,537 96	.....	.....	.....	1,537 96	.....	Complete.
.....	.....	.....	8,963 31	.....	\$424 70	9,388 01	.....	Canceled.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	9,094 97	.....	9,094 97	.....	Canceled.
Complete } ..... ..... .....	.....	79,204 05	.....	.....	.....	79,204 05	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	2,185 87	.....	2,185 87	.....	.....	2,185 87	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.

† See foot-note No. 1.

TABLE NO. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Sept. 29, 1871	152	Campbell & Ealin	Lay footwalks on east side	10th st., bet. E. Capitol st. and Md. ave., n. e.
July 29, 1872	153	Extension board of public works.	Grade the sidewalks	do.
Sept. 29, 1871	157	Campbell & Ealin	Grade the carriage-way. Set curb and lay footwalk on the west side.*	10th st., bet. D st. and Md. ave. 8th st., bet. B st. south, and Md. ave.
			Gravel carriageway !	6th st., bet. E. Capitol st. and Mass. ave.
			Do!	7th st., bet. E. Capitol st. and Mass. ave.
Dec. 31, 1871	202	William A. Wilson	Lay cobble-stone pavement in. Do. Do. Do.	Alley, square 390..... Square 340..... Square 499..... Reservation C.....
Apr. 24, 1872	243	Daniel A. Connolly.	Grade.....	Mass. ave., bet. Lincoln Square and N. J. ave.
Oct. 6, 1875	243	Commissioners' extension.	Relay old material on.....	do.....
May 4, 1875	243	do	An equivalent amount of grading on the following streets, to an amount relinquished on Massachusetts ave., between Lincoln Square and New Jersey avenue; and the replacement of the old material, viz:	B st., bet. 4th and Boundary sta., n. e. C st., bet. 4th and Boundary sta., n. e. A st., bet. 3d and Boundary sta., n. e. Delaware avenue, bet. C and Boundary streets. E st., bet. 2d st. and N. J. ave. 1st st., bet. C st. north and Boundary. D st., bet. 1st and 4th sta., n. e. 6th st., bet. Mass. ave. and East Capitol st.
Apr. 29, 1872	261	Hugh Murray, ...	Grade, set curbs, park, and lay footwalks on.	18th st., bet. Pa. and Mass. aves
Apr. 29, 1872	264	E. E. Barnes	Grade	D st., bet. 4th st. east and N. J. ave.
			Lay an 18-inch sewer with man-holes.	Cor. 2d and D sta., n. e., through reservation.
May 21, 1873	264	Extension board of public works.	Set curbs and lay footwalks ...	D st., bet. 4th st. east and N. J. ave.
			Gravel	D st., bet. 6th and 7th sta. n. e.
			Grade, set curbs, and lay footwalks.	D st., bet. 4th and 6th sta. n. e.
Apr. 29, 1872	264	E. E. Barnes	Terrace	D st., bet. 2d and 4th sta. n. e.
			Grade	N. C. ave., bet. 4th st. east and N. J. ave.
May 21, 1873	264	Extension board of public works.	Set curbs and lay footwalks ...	do.....
			Gravel	N. C. ave., bet. Pa. and N. J. ave.
May 21, 1873	264	do	Grade	E st., bet. 2d and 6th sta., n. e.
Dec. 21, 1875	264	Commissioners' extension.	Replace all suitable old material.	do.....
June 19, 1875	264	do	Grade	M st., bet. 3d st. n. e. and James Creek Canal.
Jan. 3, 1872	279	Andrew Gleason ..	do	Md. ave., bet. H and 6th sta., n. e.
			Lay cobblestone gutters	Md. ave., bet. 6th st. n. e. and Boundary.
			Terrace south side	Md. ave., bet. 6th and 7th sta., n. e.
			Terrace north side	Md. ave., bet. D and 6th sta., n. e.
			Lay footwalks	Md. ave., bet. 6th and 8th sta., n. e.
			Gravel footwalks	Md. ave., bet. 8th and Boundary sta., n. e.
May 16, 1874	279	Extension board of public works.	Grade and gravel	15th st., bet. G and H sta., n. e.

* Extra work, \$7,947, engineer's office, 1875.

† Extra work, \$11,156, engineer's office, 1875.

‡ All claims under this contract, except payment of balance due, extinguished by terms of contract No. 31, new series, dated June 19, 1876.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
July 30, 1875	279	Commissioners' extension.	Lay brick footwalks.....	Md. ave., bet. 8th and 15th sta. n. e.
Oct. 18, 1875	279	do	Construct lateral sewer and 1 trap.	Intersection of Md. ave., 15th and H sta., n. e.
May 15, 1872	294	Steeps & Follansbee.	Grade, reset curbs, and relay footwalks.	19th st., bet. K and Boundary sta., n. w.
			12-inch sewer, with man-holes, traps, laterals, and water-services.	19th st., bet. K st. and circle at Mass. ave., n. w.
			Park.....	19th st., bet. K st. and P st. circle, n. w.
			Grade.....	M st., bet. 17th and 19th sta. n. w.
June 3, 1875	294	Commissioners' extension with Thos. M. Steeps.	Grade and pave.....	Alley in square 70.....
Mar. 17, 1872	297	Childs & Neville ..	12-inch sewer on east side.....	8th st., bet. C st., a. e., and navy-yard.
			12-inch sewer on west side	8th st., bet. I st., a. e., and navy-yard.
			18-inch sewer on west side	8th st., bet. I st. and a point midway bet. G and E sta., a. e.
			15-inch sewer on west side	8th st., bet. said point and Pa. ave.
			12-inch sewer on west side	8th st., bet. Pa. ave. and a trap 40 feet n. of Pa. ave.
			2 12-inch sewers across.....	8th st. e. and I st. s.
			12-inch sewer across.....	8th st., at M st., a. e.
			15-inch sewer on north side.....	Pa. ave., bet. 8th st., a. e., and a man-hole in the center of 7th st., a. e.
			12-inch sewer.....	From the man-hole in center of 7th st. to a man-hole at a. w. cor. of 7th st. and Pa. ave., a. e.
			12-inch sewer across.....	Pa. ave., bet. the n. e. and s. w. corners of 7th st. and Pa. ave., a. e.
			12-inch sewer on west side	7th st., bet. Pa. ave. and C st., a. e.
			18-inch sewer on north side	M st., bet. 6th and 8th sta., a. e.
			12-inch sewer on both sides, all with man-holes and traps.	L st., bet. 6th and 8th sta., a. e.
May 28, 1872	313	R. S. Hulse	Grade, (canceled).....	O st., bet. N. H. ave. and Rock Creek.
			Grade.....	N st., bet. 21st and 25th sta. n. w.
Oct. 22, 1874	313	Commissioners' extension with M. J. Laughlin.	Complete the unfinished work. (Given to M. J. Laughlin, under section 5 of original contract, and in consideration of the relinquishment of work under contract 787. Work on N street subsequently abandoned, on account of striking rock, and original work restored.)	do.....
May 28, 1872	316	John G. Stafford...	Set curbs, lay footwalks and pave gutters.	O st., bet. Water and 4 $\frac{1}{2}$ sta. a. w.
			Grade and pave with cobble-stone.	N st., bet. 4 $\frac{1}{2}$ and 6th sta., a. w.
			Grade, set curbs, lay footwalks, and pave with cobble-stone.	N st., bet. 4 $\frac{1}{2}$ st. w., and 1st st. e.

* See foot-note No. 1.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	.....	.....	.....	\$9,609 38	.....	\$9,609 38	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Canceled.
Complete. }	\$654 90	\$49,872 01	\$654 90	.....	.....	50,526 91	.....	Complete.
.....	535 30	4,148 37	535 30	.....	.....	4,683 67	.....	.....
.....	.....	.....	.....	5,726 35	.....	5,726 35	.....	Complete.
Complete. }	2,789 95	14,867 25	2,789 95	.....	.....	17,657 20	.....	Complete.
.....
Complete. } .....	.....	1,633 27	.....	.....	.....	1,633 27	.....	.....
.....	937 96	1,865 64	937 96	.....	.....	2,803 60	.....	.....
Complete. }	466 93	3,339 32	466 93	.....	.....	3,806 25	.....	.....
Complete. }	3,008 37	.....	3,008 37	.....	.....	3,008 37	.....	.....
No estimate. }	78,451 49	13,631 15	.....	.....	.....	13,631 15	.....	Complete.
.....	.....	5,345 85	.....	.....	.....	5,345 85	.....	.....
.....	.....	.....	11,942 99	.....	.....	11,942 99	.....	Complete.
Complete. }	1,956 03	1,789 41	1,956 03	.....	.....	3,745 44	.....	Complete.
Complete. } .....	.....	19,342 31	.....	.....	.....	19,342 31	.....	.....

† All claims under this contract, except payment of balance due, extinguished by terms of contract No. 25, new series, dated May 26, 1876.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Data.	Number of contract.	Name of contractor.	Description of work.	Location.
Sept. 20, 1875	316*	Commissioners' extension.	Grade and relay old material.. Lay cobble-stone pavement. (Note.—This work changed: see extension below.)	N st., bet. 1st and 2d sts., s. e.. N st., bet. 1st and 3d sts., s. e..
Nov. 16, 1875	316	Commissioners' extension.	Lay bluestone pavement in lieu of cobble-stone.	N st. s., bet. James Creek canal and 3d st. s.
May 21, 1872	380	J. T. H. Hall	Macadamize	7th st. road, bet. Rock Creek church road and Osborne's store.
Oct. 19, 1875	380	Commissioners' extension.	Construct stone culvert with arch.	14th st. road and Piney Branch.
July 11, 1872	331	Gants and Appleman.	Construct divisions 3 and 4 of intercepting sewers on—	B st., bet. 7th and 17th sts., n. w
May 7, 1875	331	Commissioners' extension.	Construct 350 feet or more of intercepting sewer, at—	17th and B streets, n. w
June 24, 1872	355	George Follansbee.	Construct a two-ring brick barrel-sewer 5 feet 6 inches inside diameter, as follows: Construct 12-inch-pipe sewer..	From the south side of M st., n. w., along 18th st. to N st., n. w., thence along said N st. to 17th st., thence along 17th st. to Boundary st. From the lower end of said sewer at M st., to connect with pipe-sewer on west side of 18th st., bet. L and M sts., n. w.
Sept. 8, 1875	355*	Commissioners' extension.	Construct a gravel-pit and inlet, beginning at the present sewer. Also a 2-ring brick sewer, 4 feet inside diameter. A 4-foot 6-inch brick sewer along— All with necessary man-holes, traps, and connections. (Sept. 8, 1875, assigned to Henry Gants.)	At or near Champlain ave., north of Boundary st. From said inlet to Boundary st., and along Boundary st. to 18th st., n. w., and along 18th st. to the north curb-line of T st. thence— 18th st. to Q st., thence along Q st. to 21st st. n. w.
June 26, 1872	357	Vermillion, W. E..	Grade, set curbs, and lay foot-walk. Terrace and park on the north, west, and east sides of— Grade, reset curbs, and relay footwalks on—	D st., bet. 6th and 7th sts., s. e. Square 875.
July 27, 1875	357*	Commissioners' extension.	Grade	S. C. ave., bet. 6th and 7th sts., s. e. S. C. ave., bet. N. J. ave. and 6th st. s. e. S. Cap. st
June 28, 1872	362	George Neitzey and Nicholas Acker.	The surplus earth to be deposited in— Belgian pavement.....	Water st., bet. 7th and 12th, s. w.
Sept. 22, 1875	362†	Commissioners' extension.	Sewers, with man-holes and traps across as follows, viz: A 2-ring 3 foot sewer at— A 24-inch-pipe sewer at— A 36-inch-pipe sewer at— An 18-inch-pipe sewer at— Do	Water st
			Do	Intersection of 7th st..... Intersection of 8th st..... Intersection of 9th st..... Intersection of H st..... Intersection of 10th st..... Intersection of 11th st.....
			Granite-block pavement, set curbs and lay brick pavement on east side. Lay brick pavement and grade.	Water st., bet. 6th st. and At Lee's wharf B st., bet. 2d and 3d sts. s. w..

*See foot-note No. 1.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 23, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 24, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	\$18,966 32	\$1,363 30	\$20,329 62	.....	Canceled.
Complete.....	\$19,907 31	.....	.....	.....	19,907 31	.....	Complete.
.....	\$4,506 82	.....	.....	4,506 82	1,377 24	5,884 06	.....	Complete.
Complete.....	96,638 92	.....	.....	.....	96,638 92	.....	Complete.
.....	27,137 48	.....	27,137 48	.....	Complete.
Complete.....
.....	14,600 00	83,507 22	\$24,120 12	.....	-11,595 13	96,032 21	\$11,595 13	Complete.
.....
.....	50,344 64	4,939 42	55,284 06	.....	Canceled.
.....
Complete.....	6,823 00	.....	.....	.....	6,823 00	.....	Complete.
Complete.....	11,220 13	.....	.....	.....	11,220 13	.....	.....
.....	23,723 68	4,116 90	27,840 58	.....	Canceled.
.....
Complete.....	60,081 34	.....	.....	.....	60,081 34	811 85	Complete.
.....
.....	16,595 23	.....	16,595 23	.....	Complete.
.....	2,974 08	.....	2,974 08	.....	.....

† Extra work, \$11,552 and \$11,025; engineer's office, 1875.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
July 3, 1872	374	M. J. Laughlin....	Grade, set curbs, lay brick pavement, (relay suitable old material.) Park	E st., bet. 17th and 26th sta., n. w. E st., bet. 18th and 26th sta., n. w.
			12-inch-pipe sewer both sides..	E st., bet. 18th and 19th sta., n. w.
			12-inch-pipe sewer north side..	E st., bet. 19th and 20th sta., n. w.
			12-inch-pipe sewer both sides..	E st., bet. 20th and 21st sta., n. w.
			12-inch-pipe sewer north side..	E st., bet. 21st and 22d sta., n. w.
			Cobble-stone pavement.....	E st., bet. 17th and 18th sta., n. w.
July 8, 1872	384	David R. Smith...	Do.....	Around Rawlins Square
			Set curbs and lay Taylor & Filbert wood pavement.	1st st., bet. Pa. ave. and K st., n. w.
			Brick pavement, sewer laterals, and water-services.	1st st., bet. Pa. ave. and B st., n. w.
			Do.....	1st st., bet. I and K sta., n. w.
			12-inch-pipe sewer, with man-holes, traps, and laterals.	1st st., bet. Mass. ave. and K st., n. w.
			Area walls and wooden steps in front of houses owned by Mrs. Purdy, at—	1st and B sta., n. w.....
			Curbs, brick pavement, sewer laterals, water-services, and DeGolyer wood pavement.	B st., bet. 1st and 3d sta., n. w..
			An 18-inch-pipe sewer, with man-holes and traps in—	Square 575.....
June 22, 1875	384	Commissioners' extension.	Scharf concrete pavement, necessary sewers, park, re-set curbs, and relay brick pavement.	I st., bet. N. J. ave. and North Capitol st.
			*(In lieu of work on 1st st., bet. I and K streets, not done.) October 2, 1875, assigned to W. C. Murdock.	.....
July 11, 1872	388	Noah Dillard and Moulton Parker.	Grade, set curbs, and lay brick pavement.	R st., bet. 7th and 14th sta., n. w.
July 22, 1875	388	Commissioners' extension.	Grade, set curbs, lay brick pavements and 12-inch-pipe sewer. (Relay suitable old material.)	R st., bet. 7th st. and N. J. ave.
July 15, 1872	400	J. V. W. Vandenburg.	Grade.....	Va. ave., bet. 19th st. and Rock Creek.
			18-inch-pipe sewer, man-holes, and traps,	Va. ave., bet. 21st and 22d sta.
			20-inch-pipe sewer, man-holes, and traps.	Va. ave., bet. 20th and 21st sta.
			2-ring brick sewer, (3 feet diameter,) man-holes, and traps.	Va. ave., bet. 17th and 20th sta.
			Sewer-drains at intersection of	F and 23d sta., G and 24th sta., C and D sta.
			†Grade New Hampshire avenue	N. H. ave.....
Sept. 22, 1875	400	Commissioners' extension.	15-inch-pipe sewer	Va. ave., bet. 31st and 22d sta.
			Curbs and cobble-stone gutters	Va. ave., bet. 17th and G sta ..
			18-inch-pipe sewer, west side. (Outlet for Virginia avenue sewer.)	21st st., bet. B and D sta., n. w.
July 16, 1872	402	James A. Nelson ..	Reset curbs, relay brick pavements, grade and narrow roadway to 35 feet.	11th st., bet. N st. and Boundary.
			Cobble-stone roadway	11th st., bet. O st. and Boundary

* Measured to W. C. Murdock.

† Not mentioned in contract.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 22, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extension of Com- missioners of the District of Colum- bia, (involving new work.)				
Complete.	\$46,193 23	\$41,716 12	\$20,247 23			\$61,963 35		Complete
Complete.	10,269 00	88,479 26	404 00			88,821 26		Complete.
Complete.		32,064 77				32,064 77		
Complete.		1,345 41				1,345 41		
				\$27,886 04		27,886 04		Complete.
				13,670 61		13,670 61		
Complete.		23,358 99				23,358 99		Complete.
				8,092 05		8,092 05		Complete.
Complete.								
	112,118 00	59,568 19	8,267 25			67,855 44	6,815 00 } 8,079 72 }	Complete.
		19,698 14				19,698 14	2,468 64	
			1,575 90	29,491 05	\$982 70	32,049 65		Complete.
				2,339 44	5,996 90	5,996 90		
Complete.	44,294 60	23,088 32	25,682 72			48,771 04		Complete.

: Traps on Virginia avenue.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
July 9, 1875	402	Commissioners' extension.	Macadam pavement..... 12-inch-pipe sewer in.....	11th st., bet. Ost. and Boundary Alley in square 333, and from said alley on east side of 11th st. to sewer on T st. M st., bet. 4½ st. w. and 4th st. e. 94th st., bet. Pa. ave. and E st. n. w.
July 16, 1872	403	Hugh Murray	Cobble-stone roadway. (Canceled.) Grade, set curbs, lay brick pavement and cobble-stone roadway. (Relinquished between Virginia avenue and E street. See Extension, Nov. 19, 1875.)	23d st., bet. Pa. ave. and E st. 23d st., bet. Pa. ave. and G st.
Apr. 19, 1875	403*	Commissioners' extension.	Grade, reset curbs, and relay brick pavement. (Given to shorten haul of other work.)	23d st., bet. E and canal
Sept. 24, 1875	403	.....do	Necessary pipe-sewers	N. H. ave., in front of square 22
Nov. 19, 1875	403	.....do	Blue-stone pavement and curbs, brick pavement and flag gutters in lieu of similar work on Twenty-fourth street, relinquished.	N. H. ave., bet. Pa. ave. and G st.
July 16, 1872	403	Hugh Murray	Grade	N. H. ave., bet. Pa. ave. and the river.
July 23, 1872	413†	E. E. Barnes	15-inch-pipe sewer on west side, with man-holes and traps. Grade, set curbs, and lay brick pavement. (Canceled between Pennsylvania avenue and D street.)	2d st., bet. E. Capitol st. and Pa. ave. 2d st., bet. Md. and Va. aves..
May 20, 1875	413	Commissioners' extension.	Grade, set curbs, and lay brick pavements.	3d st., bet. Md. and Va. aves..
Nov. 12, 1875	413	.....do	Grade, reset curbs, and relay brick pavement. Lay Belgian pavement	3d st., bet. Va. ave. and Eastern Branch. 3d st., bet. D st. and Va. ave..
July 23, 1872	413	E. E. Barnes	Lay blue-rock pavement	3d st., bet. Va. ave. and N. st.
May 20, 1875	413*	Commissioners' extension.	Grade, set curbs, and lay brick pavements.	4th st., bet. Md. and Pa. aves..
Aug. 19, 1875	413*	.....do	Grade, reset curbs, and relay brick pavement. .....do	N st., bet. 2d and 4th sta. s. e. M st., bet. 2d and 4th sta. s. e.
			Set curbs and lay brick pavements.	M st., bet. 2d st. w. and 4th st. s. e.
			Cobble-stone roadway. (Canceled between South Capitol street and Fourth-and-a-half street west, and between New Jersey avenue and Fourth street east.)	M st., bet. 4½ st. w. and 4th st. e.
Dec. 21, 1875	413*	.....do	Blue-stone in lieu of cobble-stone. .....do	M st., bet. South Capitol and 4½ sta. w. M st., bet. N. J. ave. and 4th st. e.
Aug. 19, 1875	413*	.....do	Grade, set curbs, lay brick pavement and 12-inch-pipe sewer.	G st., bet. South Capitol and 2d sta. s. e.
Nov. 12, 1875	413*	.....do	Grade and relay old material	C st., bet. 2d and 3d sta. s. e. .
Nov. 12, 1875	413	.....do	Grade, set curbs, lay brick pavements.	D st., bet. N. J. ave. and South Capitol st.
			Gravel	D st., bet. N. J. ave. and 6th st. s. e.

* See foot-note No. 1.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	.....	.....	.....	\$12,226 94	.....	\$12,226 94	.....	Complete.
Complete.	\$52,775 19	\$32,287 70	\$24,888 19	.....	.....	57,175 89	.....	Complete.
.....	23,710 62	22,358 98	7,612 62	.....	.....	36,971 60	.....	.....
.....	.....	.....	.....	1,000 00	.....	1,000 00	.....	Canceled.
.....	.....	.....	.....	22,945 14	.....	22,945 14	.....	Complete.
.....	78,806 91	17,681 75	22,473 91	.....	.....	40,155 66	.....	Complete.
No esti- mate.	39,896 42	28,287 24	858 46	.....	.....	29,145 70	.....	Complete.
.....	.....	29,039 77	14,778 73	.....	\$1,433 52	45,252 02	.....	.....
.....	.....	.....	.....	18,083 43	.....	13,083 43	\$1,006 10	Complete.
.....	.....	.....	.....	.....	3,011 30	3,011 30	.....	Complete.
.....	.....	16,287 61	.....	.....	399 30	399 30	.....	Complete.
.....	.....	.....	.....	.....	.....	16,287 61	.....	Canceled.
.....	.....	.....	.....	49,246 11	.....	49,246 11	.....	Canceled.
.....	.....	.....	.....	.....	5,273 62	5,273 62	.....	Canceled.
.....	.....	.....	.....	12,037 02	.....	12,037 02	.....	Canceled.
.....	.....	.....	.....	53 75	.....	53 75	.....	Canceled.

† All claims under this contract, except payment of balance due, extinguished by terms of contract No. 36, new series, dated June 26, 1876, and contract No. 22, new series, dated May 27, 1876.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	contract Number	Name of contractor	Description of work.	Location.
July 22, 1872	414*	Robert H. Ryan ...	Grade, set curbs, lay brick pavements and sewer laterals, 18-inch stone walls at openings of the two culverts and pipe-sewers to the embankment. Lay wood pavement	N. J. ave., bet. B st. and river, s. e. N. J. ave., bet. D and E sts., s. e. N. J. ave., bet. B and E sts., s. e.
July 15, 1875	414	Commissioners' extension.	Construct stone steps and coping. To complete the unfinished work under contract 414.	N. J. ave., bet. B and D sts., s. e. N. J. ave., bet. B st. and river, s. e.
Nov. 12, 1875	414	do	Lay trap-rock pavement	N. J. ave., bet. D st. and canal, s. e.
July 24, 1872	415†	Peter McNamara ..	Grade	C st., bet. 4th and 15th sts., n. e.
Apr. 3, 1875	415*	Commissioners' extension.	Do	D st., bet. 4th and 15th sts., n. e.
			Grade an equivalent amount of grading to the amount relinquished on C and D streets, viz., grade. Reset curbs and relay brick pavement. Do	8th st., bet. Md. ave. and C st., n. e. {do..... 9th st., bet. Md. ave. and C st., n. e.
			Grade .....	.....do.....
			Do	10th st., bet. Md. ave. and C st., n. e.
			Reset curbs and relay brick pavement. Grade and pave .....	.....do..... Square 727
Oct. 22, 1875	(§) 415	do	Grade, gravel, and relay old material. Reset curb and relay footwalk ..	A st., bet. 3d and 9th sts., s. e. 7th st., bet. East Capitol and A st., s. e.
July 12, 1872	447	D. A. Connolly ..	Grade	3d st., bet. Md. ave. and H sts., n. e.
May 4, 1875	447	Commissioners' extension.	Reset curb and relay brick pavement.	.....do.....
July 27, 1872	448	James Alman	Set curbs, lay brick and cobble-stone pavements.	14th st., bet. B st. and Md. ave., s. w.
Aug. 14, 1873	448	Extension board of public works.	Lay 15-inch pipe-sewer, with man-holes and traps, on east side of— Lay 18-inch pipe-sewer, with man-holes and traps, on east side of—	14th st., bet. B and D sts., s. w. 14th st., bet. D st. and Md. ave., s. w.
Aug. 7, 1872	459‡	Charles E. Evans, president Evans Concrete Company.	Grade and set curbs	Conn. ave., bet. H st. and P-st. circle.
			Lay brick pavements on	Conn. ave., bet. H and K sts., n. w.
			Concrete pavements on west side and artificial stone pavement on east side. Lay 18-inch pipe-sewer, with man-holes, traps, and laterals. Water-services	Conn. ave., bet. K and L sts., n. w. .....do..... Conn. ave., bet. H and L sts., n. w.
			Lay Evans concrete pavement on the carriage-way. Curb and concrete sidewalks ..	Conn. ave., between H and Boundary sts., n. w. 18th st., bet. M and P sts., n. w.

* See foot-note No. 1.

† Extra work, 8398, engineer's office, 1875.

‡ All claims under this contract, except payment of balance due, extinguished by terms of contract No. 37, new series.

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Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 15, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
Complete	\$127,311 42	\$65,588 58	\$13,692 31			\$79,280 89	\$1,503 87	Canceled.
				\$26,317 72		\$26,317 72		See above.
No estimate do	158,664 96		30,720 19 32,676 10		\$2,531 55	30,720 19 35,207 65		Complete. Complete.
				6,050 24	1,681 29	7,731 53		Canceled.
				305 09		305 09		
				18,481 94	42 35	18,481 94		Complete.
Complete	17,241 52	21,035 90	8,726 85	7,043 96		22,763 75 7,043 96		Complete. Complete.
Complete	5,794 90	16,705 41	5,794 90			22,500 31		Complete. Complete. See below.

27 C D

TABLE NO. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
April 7, 1872	459*	Charles E. Evans, president Evans Concrete Company—Contin'd.	Concrete carriage-way Rejoint and reset curbs, relay concrete or brick sidewalks, sewer-laterals and water-services, and concrete the carriage-way. Grade and set curbs.....	18th st., bet. L and P sta., n. w. L st., bet. 17th st. and Conn. ave., n. w.
			Park and concrete sidewalks..... .....do	Mass. ave., bet. 14th st. and P-street circle. Mass. ave., bet. 14th and 15th sts., n. w.
			Concrete carriage-way ..........do	Mass. ave., bet. 17th st. and P-street circle, n. w. Mass. ave., between 14th st. and east side of Scott statue.
July 16, 1875	459	Commissioners' extension, John Lyons.	Complete the parking and necessary work.	Mass. ave., bet. P-street circle and west side of Scott statue.
Sept. 8, 1875	459	.....do	Relay pavement in alley Reset curb and relay pavement. Grade and lay cobble-stone pavement in alley. Set curbs and relay brick pavements. Grade, set curbs, lay footwalks and gutters. Set curbs, lay footwalks and gutters. Grade and lay footwalks on south side. Grade and lay cobblestone pavement in alley. Lay brick pavement on north side of. Lay brick pavement on Build market-house on	Square 406..... Intersection of 5th and B sts., s. e. Square 195..... Defrees st., bet. North Capit and 1st st., west. South Capitol st., bet. B and C sts. B st., bet. 6th and 7th sts., s. e. Pa. ave., bet. 14th and 15th sts., n. w. Square 212..... O st., bet. 4th and 5th sts., n. w.
Aug. 24, 1872	486	James G. Naylor ..	Build market-house on	O st., bet. 7th and 8th sts., n. w. K and 21st sts., fronts of square 78.
Aug. 28, 1872	492	William Fletcher ..	Grade alley	Square 37.....
Sept. 30, 1872	536	David Keppell	Grade and lay cobble-stone pavement.	Gay st., bet. Montgomery and Monroests, Georgetown, D. C.
Oct. 2, 1872	551	Morris Murphy ...	Grade..... Set curbs and gravel foot-walks	6th st., bet. Md. ave. and K st., n. e. 6th st., bet. E and K sts., n. e.
May 1, 1875	551	Commissioners' extension.	Reset curbs and relay brick pavements.	6th st., bet. Md. ave. and E st., n. e.
June 21, 1875	551	.....do	Set curbs and lay brick pavements.	C st., bet. 6th and 7th sts., s. w.
Oct. 5, 1872	557	R. G. Campbell	Construct a 12-inch-pipe sewer in alley. .....do	Square 462..... Square 463.....
			Construct a 15-inch-pipe sewer in alley. Construct a 15-inch-pipe sewer in—	Square 492..... Reservation D.....
Oct. 7, 1872	558	Delaware Hudnell.	Set curbs and lay brick pavement.	Q st., bet. N. J. ave. and 5th st., n. w.
July 17, 1875	558	Commissioners' extension.	Grade, set curbs, and relay brick pavement. Construct 12-inch-pipe sewer. Sewer on P street as outlet for sewer on—	5th st., bet. O and Q sts., n. w.. 5th st., bet. O and P sts., n. w.. 5th st.....

* For work done under the original contract, see Table No. 4.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 1.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
Complete }								See below.
	\$5,897 59		\$5,897 59			\$5,897 59	\$338 38	Complete.
				\$151 39		151 39		Complete.
				3,275 78		3,275 78		
				6,319 38		6,319 38		
				2,452 11		2,452 11		
				1,284 45		1,284 45		
				637 79		637 79		
				1,507 16		1,507 16		
				658 95		658 95		
No estimate }	41,533 51	\$12,124 49				112,124 49		Canceled.
No estimate }			830 07			830 07		Complete.
Canceled }		2,905 98	61 25			2,967 23		Complete.
Complete }	24,533 10	5,549 25	13,714 54			19,963 79		Complete.
				5,433 15		5,433 15		Complete.
Complete }		711 12 780 88				711 12 780 88		Complete.
	1,589 07	1,516 09	1,589 07			1,589 07 1,516 09		
		1,878 86				1,878 86		
No estimate }	2,216 58		2,216 58			2,216 58		Complete.
				12,706 66		12,706 66		Complete.

† See foot-note No. 1. \$7,500 not included in footing. All claims under this contract, including payment of balance due, extinguished by terms upon which work was subsequently completed.

TABLE NO. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Oct. 8, 1872	561	John J. Shipman...	Clean gutters, trim, construct four 15-inch sewer-pipe culverts, 30 feet long, with masonry head-walls. One 18-inch sewer-pipe culvert, with head-walls and masonry. Four 18-inch sewer-pipe culverts, with head-walls and masonry. Three stone culverts, 30 feet span, with head-walls and masonry. One stone culvert, 10 feet span, with retaining-walls and grading. Repair culvert No. 5..... Macadamize roadway.....	Canal road, bet. Aqueduct and Chain Bridge.
Apr. 17, 1875	*561	Commissioners' extension.	Build retaining and parapet walls at such points as may be directed, and lay cobble-stone gutters on east side of the carriage-way. Grade and macadamize.....	Little Falls road, bet. Aqueduct and Chain Bridge.
	(1)			A connecting road bet. Little Falls road and Aqueduct road.
Oct. 19, 1872	570	Tompkins & Ruckel.	Construct stone culvert, excavation and refilling. Construct a two-ring brick barrel-sewer, 9½ feet inside diameter, beginning at North Capitol street and F street, northeast, and running thence along F street, northeast, to the east building-line of Third street, northeast. (March 17, 1875. This contract was not completed. Charles C. Tompkins assigned his rights, title, and interest in said contract to Thomas Adams.)	New Cut road
Oct. 23, 1872	582	James W. Walsh..	Grade.....	11th st., bet. Pa. ave. and H st., n. e.
Dec. 7, 1874	582	Assignment and Commissioners' extension to William Hussey.	To complete the grading .....	.....do.....
Apr. 8, 1875	582	Commissioners' extension.	Grade an amount of grading equivalent to grading relinquished on Eleventh street, and reset curb and relay brick pavements where directed.	Tenn. ave., bet. Lincoln Square and 15th st., east. 15th st., bet. H and East Capitol sts., n. e. 5th st., bet. H and K sts., n. e. 6th st., bet. H and K sts., n. e. F st., bet. N. J. ave. and 7th st., n. e. Boundary st., bet. 1st and 15th sts., east. 11th st., bet. C st. and S. C. ave., s. e.
July 9, 1875	582	.....do	Reset curbs, relay brick and and cobble-stone pavements, construct a 12-inch-pipe sewer on east side, and a 15-inch-pipe sewer across.	11th st., bet. Pa. ave. and S. C. ave.
July 28, 1875	582	.....do	Construct a 12-inch-pipe sewer on east side. Lay macadam pavement between gutter and cobble-stone pavement in center of.	11th st., bet. Pa. ave. and Mass. ave.

* Claimed as oral contract with board of public works.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
} Complete	\$212,580 90	\$22,585 75	\$93,997 91	.....	.....	\$116,583 66	.....	Complete.
.....	.....	.....	118,583 01	.....	-\$27,078 18	91,504 83	\$27,078 18	Complete.
.....	.....	.....	.....	\$4,764 18	.....	4,764 18	.....	.....
.....	.....	.....	.....	22,182 92	2,189 37	24,352 29	.....	.....
No estimate	22,299 12	39,461 00	22,299 12	.....	.....	61,760 12	.....	Complete.
Complete ..	.....	5,461 01	.....	.....	.....	5,461 01	20 31	See below
.....	117,023 45	.....	27,398 10	.....	.....	27,398 10	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	.....	2,327 91	2,327 91	.....	.....
.....	.....	.....	.....	3,410 75	.....	3,410 75	.....	.....
.....	.....	.....	.....	45,823 57	.....	45,823 57	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.

† Ordered as extra work. (See 6019 engineer's office, 1875.)

TABLE NO. 1.—*Contracts and extensions of board of public works recognised*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Oct. 25, 1875	582	Commissioners' extension.	Set curbs, lay brick pavements on west side. Lay flag footways at intersection of— Brick footwalks on *	11th st., bet. C st. and Mass. ave., n. e. 11th and Park sta., n. e. N. J. ave., bet. M and O sta., n. w. 4th st., bet. N and O sta., n. w.
Sept. 3, 1875	582	.....do	Grade, set curbs, lay brick pavements, and construct 12-inch-pipe sewer. .....do	N st., bet. 5th st. and N. J. ave., n. w. Franklin st., bet. N. J. ave. and 5th st., n. w.
Nov. 8, 1875	594	Delaware Hudnell.	Set curbs and lay brick pavements.	.....do
July 1, 1875	594	Commissioners' extension.	Grade and gravel carriage-way.	.....do
Dec. 20, 1872	634	David Keppell	Grade, set curbs, lay brick pavement, and construct 15-inch-pipe sewers, with man-holes and traps on both sides— Take up and relay brick pavements, and lay cobble-stone pavement.	Prospect st., bet. High and Potomac sta., Georgetown, D. C. Prospect st., bet. High and Market sta., Georgetown, D. C. Dunbarton st., Georgetown, D. C. † B st., bet. 9th and 12th sta., n. w.
Apr. 28, 1873	670	George W. G. Ealin	Set curbs, lay bluestone pavement, and lay brick pavements.	B st., bet. 12th and 17th sta., n. w.
May 23, 1873	694	John O. Evans	Lay Belgian trap-rock on carriage-way, flag footways, and park. .....do	12th st. west, bet. B. n. and B. a. 14th st. west, bet. B. n. and B. a.
			Lay flag footways and park ...	7th st., bet. B. n. and B. a. E st., n. w. †
July 19, 1873	702§	Charles C. Tompkins and John S. Ruckels.	A three-ring brick barrel-sewer, 6 feet inner diameter, beginning at east building-line of Third and F streets, northeast; thence diagonally across squares 778, 810, and 834 to intersection of west building-line of Sixth street, northeast, and the center line of G street, northeast; thence a two-ring brick sewer, 6 feet inside diameter, along G street to Ninth street, northeast; thence a two-ring, 4 feet inside diameter, sewer, along G street to Thirteenth street, northeast, with man-holes and traps. (March 17, 1875, assigned to Thomas Adams.)	6th st., bet. G and K sta., n. e.
May 14, 1875	702	Commissioners' extension, Adams & Ruckel.	Construct a brick sewer on....	G st., bet. Md. ave. and 15th st. n. e.
May 31, 1875	702	.....do	Construct a two-ring brick sewer with man-holes and traps.	Md. ave., bet. 7th and 14th sta., n. e.
July 29, 1875	702||	.....do	Construct a two-ring brick sewer on— Lay 18-inch-pipe sewer ¶ Lay 12-inch-pipe sewer on north side of—	6th st., bet. K and L sta., n. e. L st., bet. 7th st. and alley....

* Extra work, 7555, E. O., 1875.

† Not mentioned in contract.

§ Extra work, order-book, E. O., vol. 4, folio 743.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
								Complete.
				\$4,932 76		\$4,932 76		
				13,823 26		13,823 26		Complete.
				15,185 61		15,185 61		
Abandoned	\$5,578 30		\$5,578 30			5,578 30		Complete.
				250 05		250 05		Complete.
No estimate	1,430 08	\$12,945 19	1,430 08			14,375 27		Complete.
		3,055 50				3,055 50		
Complete..	1,558 04	29,203 69	1,558 04			30,761 73		Complete.
Complete..	57,354 80	84,645 16	57,354 80			141,999 96		Complete.
		72,104 50				72,104 50		
		72,774 22				72,774 22		
		3,801 75				3,801 75	\$436 15	
\$30,000 00	18,491 61	53,000 18	18,491 61		\$181 64	71,673 43	52 80	Complete
				16,671 13		16,671 13		Complete.
				52,062 78		52,062 78		Complete.
								Canceled.

† This work should have been charged by board of public works to contract 511.

‡ See foot-note No. 1.

¶ Square 856.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
July 29, 1875	720	Commissioners' extension, Adams & Ruckel.	Lay 15-inch-pipe sewer..... Lay 12-inch-pipe sewer through alley between— Lay 12-inch-pipe sewer..... .....do..... Lay 18-inch-pipe sewer..... Lay 20-inch-pipe sewer..... Construct 24-inch brick sewer..... Lay 12-inch-pipe sewer both sides— .....do..... Lay 12-inch-pipe sewer on north side— Lay 12-inch-pipe sewer..... 18-inch-pipe sewer.....	L st., bet. alley and 6th st. n. e. Callan and L sts..... 7th st., bet. said alley and Callan st. K st., bet. 6th and 7th sta. n. e. 2d st., bet. H and I sta., n. e. 2d st., bet. G and H sta., n. e. 2d st., bet. F and G sta., n. e. G st., bet. 2d and 3d sta., n. e. H st., bet. 2d and 3d sta., n. e. F st., bet. 2d and 3d sta., n. e. 3d st., bet. F and G sta., n. e. 13th st., bet. G and H sta., n. e.
July 29, 1875	702	Commissioners' extension.	*Sewerage.....	Mass. ave., bet. Del. ave. and N. Capitol st.
June 3, 1875	702	.....do.....	12-inch-pipe sewer in west T alley. Sewer-traps required for several sewers. Sewer-traps.....	Square 259.....
June 7, 1875	710	William Kennedy.	Park, take up and relay brick-pavement and lay brick crosswalks.	9th and H. sta. K st., bet. N. Capitol and 1st st., east.
Oct. 4, 1875	710	Commissioners' extension.	Lay flag-crossings at south side Lay flag-crossings at east side Lay flag-crossings at east and west sides.	K and 1st sta., n. e. K and 4th sta., n. e. I and 4th sta., n. e.
June 10, 1873	716	Peter McNamara.	Grade.....	6th st., bet. Pa. ave. and K st. a. e. .....do.....
July 23, 1875	716	Commissioners' extension.	Reset curbs and relay brick-pavement.	.....do.....
Dec. 22, 1875	716	.....do.....	Macadamize the carriage-way.	.....do.....
June 16, 1873	723	David Roche.....	Grade.....	Q st., bet. 16th and Boundary sta., n. w. Square 140.....
July 15, 1875	723	Commissioners' extension.	Grade and lay cobblestone-pavement in alley in— Construct 12-inch-pipe sewer in alley in—	.....do.....
Apr. 27, 1875	723	.....do.....	Grade and lay cobblestone-pavement, and lay 12-inch-pipe sewer in alley in—	Square 159.....
July 15, 1875	723	.....do.....	Grade. (Earth was obtained from this street for fill in alley in square 140. This extension was made to complete the grading.)	23d st., bet. M and N. sta., n. w.
June 25, 1873	737	Thomas Betts.....	Grade.....	E. st., bet. Md. av. and 7th sta. n. e. E. st., bet. 2d st. and Md. ave., n. e. E. st., bet. Md. ave. and 3d st., n. e. E. st., bet. Md. ave. and 2d st., n. e. K st. bet. 1st st. and Boundary st., n. e.
Sept. 1, 1873	737	Extension board of public works.	Grade and gravel..... Set curbs and lay brick pavements on south side. Set curbs and lay brick pavements on north side.	E. st., bet. 2d st. and Md. ave., n. e. E. st., bet. Md. ave. and 3d st., n. e. E. st., bet. Md. ave. and 2d st., n. e.
May 10, 1875	737	Commissioners' extension.	Grade (equivalent to amount of grading relinquished on G street.) And.....	K st. bet. 1st st. and Boundary st., n. e. I st., bet. 1st and Boundary sta., n. e. I st., bet. 7th and Boundary sta., n. e.
July 31, 1875	737	.....do.....	Set curbs and lay brick pavements.	

*Extra work, order book, E. O., vol. 4, folio 706.

† Extra work 6,398, E. O., 1875.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 26, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 24, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
				\$6,101 69		\$6,101 69		
				8,526 68		8,526 68		
				3,247 57		3,247 57		
				990 94		990 94		
				3,898 66		3,898 66		Complete.
				1,812 33		1,812 33		
				1,281 84		1,281 84		Complete.
				1,179 18		1,179 18		
Complete..	\$6,443 88	\$3,410 88	\$6,443 88			9,854 76		Complete.
				6,301 83		6,301 83		Complete.
Complete..	12,500 17	9,864 55	5,970 17			15,834 72		Complete.
				19,014 65		19,014 65		Complete.
No estimate	24,213 83	4,345 00	4,301 71			8,646 71		Complete.
	8,000 00		6,730 58			6,730 58		Canceled.
				656 29		656 29		Complete.
				2,788 82		2,788 82		Complete.
				4,962 01		4,962 01		Complete.
Complete								Complete.
Complete								Complete.
	26,676 10	16,425 00	26,173 95			42,598 95		Complete.
								Complete.
				26,595 90		26,595 90		Complete.

‡ Includes sewer done as extra work, 7278, E. O., 1875.

¶ See foot-note No. 1.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
May 10, 1875	737	Commissioners' extension.	Set curbs and lay brick pavements.	G st., bet. 7th and 9th sts., n. e.
July 31, 1875	737	.....do	Lay 12-inch-pipe sewer on south side.	G st., bet. 8th and 9th sts., n. e.
			Construct man-holes at.....	G and 7th sts., n. e.
			.....do	G and 8th sts., n. e.
			.....do	G and 9th sts., n. e.
May 10, 1875	737	.....do	Set curbs and lay brick pavements.	7th st., bet. M.d. ave. and H st., n. e.
Aug. 26, 1875	737	.....do	Set curbs and lay brick pavements on west side.	7th st., bet. H and I sts., n. e.
			.....do	7th st., bet. K and Boundary sts., n. e.
May 10, 1875	737	.....do	Set curbs and lay brick pavements.	8th st., bet. H and I sts., n. e.
			.....do	10th st., bet. H and I sts., n. e.
			*Grade, set curbs, lay gutters and footwalks.	9th st., n. e.
July 10, 1873	749	Benj. W. Summy..	Grade and gravel.....	14th st. road, bet. Boundary and Columbia roads.
			Remove 24-inch culvert at.....	Chapins and Stoughton sts.
			Construct a 24-inch culvert with masonry headwalls at--	14th st. and Columbia road
Sept. 17, 1873	749	Extension board of public works.	Construct an 18-inch pipe culvert.	14th st., near Rock Creek Church road.
			Grade, set curbs, lay brick pavements and cobble-stone gutters.	14th st. road, bet. Boundary and Linnean Hill road.
			Macadamize roadway on	11th st. road, bet. Boundary and the top of College Hill.
July 12, 1873	752	Brennon & Hutton	Grade and lay cobblestone pavement in alley.	Square 73.....
			Construct a 12-inch-pipe sewer in alley. (June 24, 1875, assigned to John C. Blundon.)	Square 225.....
June 24, 1875	752	Commissioners' extension.	To complete the unfinished work.	Squares 78 and 225.....
July 12, 1873	754	Thomas Kirby...	Grade, reset curbs, lay brick pavements.	M st., bet. N. J. ave. and N. Cap. st., n. w.
Apr. 6, 1875	754	Commissioners' extension.	Reset curbs, and lay brick pavements. (Changes the old board work in order to bar a claim for damages.) The measurement for this work was settled by the board of audit by certificate issued to W. M. Kibby as compensation for damages. Certificate indorsed to contractor by W. M. Kibby, \$3,095.52.)	M st., at intersection of N. J. ave.
July 12, 1873	754	Thomas Kirby....	Grade.....	N. J. ave., bet. M and O sts., n. w.
			Redress and reset curbs.....	N. J. ave., bet. M and N sts., n. w.
Nov. 15, 1873	754	Extension board of public works.	.....do	N. J. ave., bet. N and O sts., n. w.
July 12, 1873	754	Thomas Kirby....	Grade alley in	Square 555
June 4, 1875	754	Commissioners' extension.	Grade	1st st., bet. M and Boundary sts., n. w.
Nov. 2, 1875	754	.....do	Construct sewers	1st st., bet. O and Boundary sts., n. w.
July 12, 1873	756	Zeph Jones.....	Lay wood pavement	N. J. ave., bet. D st. and N. Y. ave.
Nov. 4, 1873	756	Extension board of public works.	.....do	N. J. ave., bet. N. Y. ave. and O st.

* Extra work 5903, E. O., 1875.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 26, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
Complete				\$4,074 86		\$4,074 86		Complete.
								Complete.
				28,710 50		28,710 56		Complete.
				2,453 48		2,453 48		Complete.
				2,688 55		2,688 55		Complete.
				4,319 15		4,319 15		Complete.
Complete	\$17,907 02	\$18,563 85	\$14,956 64			33,520 49	\$4,064 83	Complete.
Complete	659 53		659 53			659 53		Complete.
		533 30				533 30		Complete.
No estimate	15,752 50	4,248 51	5,127 70		2,051 06	11,427 27		Canceled.
								Complete.
		10,950 03				10,950 03		Complete.
	4,023 25	355 00	4,631 90			4,986 90		Complete.
				16,536 22		16,536 22	3,730 70	Complete.
Complete	34,171 04	95,320 23	34,171 04			129,491 27		Complete.
								Complete.

† See foot-note No. 1.

TABLE NO. 1.—*Contracts and extensions of board of public works recognised*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
June 10, 1874	756	Extension board of public works.	Reset curbs, relay brick pavements, take up blue-stone pavement and lay wood pavement.	6th st., bet. F and G sts., n. w.
July 12, 1873	757	.....do.....	*Complete the intersection....	2d st., bet. H and I sts., n. w.
Apr. 29, 1875	757	M. J. Laughlin....	†Grade.....	25th st., bet. E and K sts., n. w.
July 12, 1873	757	Commissioners' extension.	†Grade, (given to shorten the haul for this work.)	25th st., bet. E st. and canal..
July 12, 1873	757	M. J. Laughlin....	Reset curbs and relay brick pavement.	25th st., bet. E and K sts., n. w.
July 12, 1873	759	William Schooler.	Park.....	21st st., bet. K and M sts., n. w.
			Grade, set curbs, park, and lay brick pavement.	M st., bet. 18th and 21st sts., n. w.
			Lay 12-inch pipe-sewers, man-holes and traps, both sides.	M st., bet. 20th and 21st sts., n. w.
			Grade, set curbs, lay brick pavements and 12-inch-pipe sewers on both sides.	O st., bet. 15th and 17th sts., n. w.
July 12, 1873	760	Thomas Joyce ...	Grade, reset curbs, relay brick pavements, and construct 12-inch-pipe sewers.	N. J. ave., bet. D st. and N. Y. ave., n. w.
			Grading and resetting curbs; canceled.	N. J. ave., bet. H and K sts., n. w.
			Sidewalks and sewers; canceled	N. J. ave., bet. H and I sts., n. w.
Apr. 21, 1875	760	Commissioners' extension.	Lay brick pavement.....	.....do.....
			Park.....	N. J. ave., bet. H st. and N. Y. ave., n. w.
			Lay 12-inch-pipe sewer.....	N. J. ave., bet. P and Q sts., n. w.
July 12, 1873	760	Thomas Joyce	Lay 12-inch-pipe sewer with man-holes and traps.	F st., bet. 1st and 2d sts., n. w.
Apr. 21, 1875	760	Commissioners' extension.	Lay 12-inch-pipe sewer with man-holes, traps, and laterals on the south side of—	Q st., bet. 5th and 6th sts., n. w.
			Lay 12-inch-pipe sewer with man-holes and traps, on the south side of—	Q st., from alley in square 510 to and across N. J. ave., n. w.
			Lay 12-inch-pipe sewer with man-holes and traps.	Q st., bet. 5th and east side of N. J. ave., n. w.
			.....do.....	5th st., bet. P and Q sts., n. w.
			.....do.....	Franklin st., bet. west alley, square 510, and east side N. J. ave., n. w.
			.....do.....	P st., bet. west alley, square 510, and N. J. ave., n. w.
			Lay 12-inch-pipe sewer with manholes and traps, on both sides.	L st., bet. 3d st., and N. J. ave., n. w.
			Lay 12-inch-pipe sewer with man-holes and traps.	West alley, square 510.....
July 14, 1875	760	Commissioners' extension.	.....do.....	Alley in square 625.....
			.....do.....	Alley in square 447.....
			Improve the elliptical reservation.	I st. and N. J. ave., n. w.....
Aug. 2, 1875	760	Commissioners' extension.	Grade, set curbs, lay brick pavement, and construct a 12-inch-pipe sewer.	De Sales st.....
			§ Construct a 2-foot brick barrel-sewer.	6th st., n. w.....
			Construct a 12-inch-pipe sewer on north side.	N st., bet. 5th and 6th sts., n. w.

* Extra work, 3472, E. O. 1874.

† See foot-note No. 1.

‡ All claims under this contract, except payment of balance due, extinguished by terms of contract No. 30, new series, dated June 3, 1876.

§ Extra work, 7633, E. O., 1875.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 4.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	\$5,912 12	.....	\$5,912 12	.....	.....	\$5,912 12	.....	Complete.
No estimate	3,853 49	.....	.....	\$3,853 49	.....	3,853 49	.....	Canceled.
	58,694 41	\$2,999 50	11,814 75	.....	\$1,990 00	12,824 25	.....
.....	.....	.....	.....	21,158 85	.....	21,158 85	.....	Canceled.
Complete	.....	.....	.....	.....	.....	.....	.....	Complete. Complete.
	.....	11,560 22	.....	.....	.....	11,560 22	.....
.....	7,898 44	5,493 66	7,898 44	.....	.....	13,392 10	\$1,304 91	Complete.
Complete	16,899 56	37,950 21	12,226 69	.....	.....	50,176 90	.....
.....	.....	.....	.....	4,395 90	.....	4,395 90	588 28	Canceled.
.....	1,102 50	.....	1,102 50	.....	.....	1,102 50	.....	Complete.
.....	.....	.....	.....	7,434 94	.....	7,434 94	.....	Canceled.
.....	.....	.....	.....	976 82	.....	976 82	.....	Complete.
.....	.....	.....	.....	5,083 80	.....	5,083 80	.....
.....	.....	.....	.....	518 75	.....	518 75	.....
.....	.....	.....	.....	115 52	.....	115 52	.....
.....	.....	.....	.....	2,904 33	.....	2,904 33	.....	Canceled.
.....	.....	.....	.....	1,244 67	.....	1,244 67	.....
.....	.....	.....	.....	6,057 62	.....	6,057 62	.....	Complete
.....	.....	.....	.....	2,585 98	.....	2,585 98	.....	Complete
.....	.....	.....	.....	566 58	.....	566 58	.....

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
July 17, 1873	762	L. S. Filbert	Grade, set curbs, park, lay, brick pavement, construct 19-inch-pipe sewer, with man-holes, traps, water-services, and lay vulcanite pavement. (May 17, 1875, assigned to Cranford & Hoffman.)	Vermont ave., bet. M and P sts., n. w.
June 9, 1875	762*	Commissioner's extension, Cranford & Hoffman.	Lay vulcanite pavement, (work done to bar a claim for damages.)	Mass. ave., bet. 20th and Boundary sts., n. w.
July 17, 1873	765	George Neitzey ...	Lay vulcanite pavement Grade, set curbs, lay brick pavement and Belgian trap-rock pavement.	13th st., bet. B and D sts., a. w. 1st st. w., bet. Md. ave. and N st. s.
May 30, 1875	765†	Commissioners' extension, Henry Birch.	Grade, set curb, lay brick pavement and Belgian trap-rock pavement. (Canceled by extension of contract 860 which is explanatory only. See contract 860.)	1st st. w., bet. Md. ave. and N st. s.
Nov. 30, 1874	765	Commissioners' extension, George Neitzey.	Lay Belgian trap-rock pavement, (in lieu of similar work relinquished on First street, southwest.)	Water st., bet. High and Market sts., Georgetown.
July 18, 1872	766	Charles H. Moulton	A two-ring brick sewer, 3 feet inside diameter, from the north side of T street, at the intersection of New Hampshire avenue, diagonally across T street, to the center line of the street; thence an 18-inch-pipe sewer across T street, to the southeast corner of New Hampshire avenue. Grade, reset curbs, relay brick pavements, and gravel the roadway. Construct a 15-inch-pipe sewer on north side. Construct a 12-inch-pipe sewer on north side.	..... T st., bet. 14th and Boundary sts., n. w. T st., bet. 17th and 18th sts., n. w. T st., bet. 18th and 19th sts., n. w.
Nov. 28, 1874	766	Commissioners' extension, Patrick Brennan.	Complete the unfinished work under above contract.	.....
Aug. 2, 1875	766	Commissioners' extension.	Grade, set curb, and lay brick pavements. Macadamizing the roadway ...	T st., bet. 14th st. and Vt. ave., n. w. T st., bet. 14th and Boundary sts., n. w.
July 18, 1872	766	Charles H. Moulton	Construct a two-ring brick sewer.	N. H. ave., bet. T and 17th sts., n. w.
July 17, 1873	768	George Simms	Grade, gravel, lay cobble-stone gutters, between Sixth street west and the east building-line of Howard University. Construct 12-inch-pipe culvert between Fourth-and-a-half and Sixth st., on College st.	College st
July 17, 1873	770	John S. Baldwin ..	Lay Taylor & Filbert wood pavement. Lay Taylor & Filbert wood pavement, set curbs, lay brick pavements and water-services. (See next item.)	Gay st., bet. High and Washington sts., Georgetown. 8th st., bet. O and Boundary sts., n. w.
Nov. 20, 1874	770	Commissioners' extension.	Consents to substitute gravel for wood pavement, on Eighth street.	

* See 1465 E. O., 1874.

† All claims under this contract, except payment of balance due, extinguished by terms of contract No. 29, new series, dated June 9, 1876.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	.....	\$41,234 95	.....	.....	.....	\$41,234 95	.....	Complete.
.....	.....	.....	.....	\$20,501 25	.....	20,501 25	.....	Complete.
No estimate	78,861 32	35,793 62	.....	17,321 58	.....	17,321 58	.....	Complete.
No estimate	.....	.....	.....	.....	.....	.....	.....	See con- tract 800.
.....	.....	.....	\$57,387 91	.....	.....	\$57,397 91	\$2,184 07	Complete.
No esti- mate.	9,063 10	4,832 68	.....	.....	.....	4,832 68	.....	See below.
.....	5,906 29	.....	5,906 29	.....	.....	5,906 29	.....	Complete.
.....	.....	.....	.....	70,546 76	.....	70,546 76	.....	Complete.
.....	.....	4,182 32	.....	.....	.....	4,182 32	.....	Complete.
Complete	2,747 78	1,000 30	2,004 69	.....	\$87 48	3,092 47	.....	Complete.
\$36,000 00	.....	13,242 60	.....	.....	.....	13,242 60	.....	See below.
.....	.....	23,131 20	20,495 10	.....	.....	53,626 30	16 92	Complete.
.....	.....	.....	.....	.....	.....	.....	23 75	

TABLE NO. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Aug. 4, 1875	770	Commissioners' extension.	Set curbs, lay brick pavements, gravel roadway, make house and sewer connections where ordered, including drops and traps. (Additional work given in lieu of wood pavements relinquished.)	8th st., bet. Grant ave. and Boundary st., n. w.
Oct. 25, 1875	770	Commissioners' extension.	Grade, cobble-stone gutters, and gravel roadway.	8th st. ex., bet. Grant ave. and Colored Orphans' Home.
July 17, 1873	770	John S. Baldwin...	Lay Taylor & Filbert wood pavement.	R. I. ave., bet. 7th and Boundary sts.
Nov. 20, 1874	770	Commissioners' extension.	Consents to substitute gravel for wood pavement on Rhode Island avenue.	
July 17, 1873	770	John S. Baldwin...	Lay Taylor & Filbert wood pavement, grade and set curbs.	R. I. ave., bet. 9th and 13th sts., n. w.
Sept. 24, 1875	770	Commissioners' extension.	Lay 18-inch-pipe sewer..... Grade, relay old material, and lay necessary sewers where ordered. (Canceled Q street between Twelfth street and Rhode Island avenue.) Sewerage..... Graveling carriage-way..... (This work was given as compensation for damages occasioned by delay of improvement of Eighth street between Rand Boundary streets.)	I st., bet. 7th and 8th sts., n. w. Q st., bet. 12th st. and N. J. ave., n. w. Square 395..... R st., bet. 7th and 9th sts., n. w.
July 19, 1873	774	Samuel Strong....	† Sewerage..... Construct three-ring brick sewer, 9 feet inside diameter.	Square 276..... Boundary st., bet. 11th and 15th sts., n. e.
Sept. 16, 1875	774	Commissioners' extension.	Alter and extend the gravel-pit at the head of Eighth street extended, according to plans of the engineer. (October 23, 1875, assigned to E. C. Ingersoll.)	
July 19, 1873	775	Page & Fletcher..	Set curbs and lay wood pavement. Set curbs and lay wood pavement. Set curbs and lay wood pavement. Set curbs and lay wood pavement.	Md. ave., bet. 1st and 3d sts., s. w. 3d st., bet. Md. ave. and B st., s. w. B st. south, bet. Md. ave. and 1st st., w. 2d st., bet. B st. and Md. ave., s. w.
Sept. 4, 1875	775	Commissioners' extension.	Lay 12-inch-pipe sewer.....	B st., bet. 1st and 3d sts., s. w.
Aug. 13, 1873	777	D. M. Davis, W. H. Brainard.	Grade, lay brick pavement, construct 12-inch-pipe sewer with man-holes and traps. (September 15, 1873. Canceled.) Grade, set curbs, and lay brick pavements. Grade.....	W st., bet. 14th and 15th sts., n. w. N st., bet. Conn. ave. and 21st st., n. w. R st., bet. 19th and 20th sts., n. w.
Aug. 10, 1875	777	Commissioners' extension.	Lay brick pavement on.....	N st., bet. 16th and 18th sts., n. w.
July 19, 1873	779	Joseph H. Fletcher	Park, cut, and lay flag foot-ways around the—	Botanical gardens, on 1st and 3d sts., and Md. ave.
July 25, 1873	787	M. J. Laughlin....	Lay brick pavements and park. Grade, set curbs, lay brick and cobble-stone pavements.	20th st., bet. Pa. ave. and K st., n. w. H st., bet. 25th st. and river...

* See foot-note No. 1.

† Extra work 6599, E. O. 1875.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia (involving new work.)				
.....	.....	.....	.....	\$20, 077 41	.....	\$20, 077 41	.....	Canceled.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	\$73, 703 32	\$33, 284 92	\$24, 652 22	2, 204 16	.....	62, 141 30	.....	See below
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	.....	.....	17, 475 23	\$1, 873 67	19, 349 15	.....	Canceled.
.....
.....	.....	.....	.....	1, 057 00	.....	1, 057 00	.....	.....
.....	.....	.....	.....	2, 070 92	.....	2, 070 92	.....	.....
.....
.....	.....	.....	.....	907 46	.....	907 46	.....	.....
\$46, 000 00	17, 697 98	105, 933 80	17, 697 98	.....	.....	123, 651 83	.....	Complete.
.....	.....	.....	.....	5, 954 77	.....	5, 954 77	.....	Complete.
No estimate	.....	22, 160 83	.....	.....	.....	22, 160 89	.....	Complete.
.....	3, 807 96	.....	3, 807 96	.....	.....	3, 807 96	.....	.....
.....	13, 656 01	6, 910 11	13, 656 01	.....	.....	20, 566 12	.....	.....
.....	4, 450 45	.....	4, 450 45	.....	.....	4, 450 45	.....	.....
.....	.....	.....	.....	1, 627 37	.....	1, 627 37	.....	Complete.
Canceled..	.....	339 01	.....	.....	.....	339 01	.....	Complete.
.....	14, 679 00	6, 198 72	1, 811 95	.....	.....	8, 010 67	.....	.....
.....	.....	1, 500 90	1, 261 26	.....	.....	2, 541 46	.....	.....
.....	.....	.....	.....	3, 966 72	.....	3, 966 72	.....	Complete
14, 166 50	4, 417 06	12, 337 82	4, 417 06	.....	.....	16, 774 88	.....	Complete.
No estimate	.....	4, 706 25	.....	.....	.....	4, 706 25	.....	See below
.....	13, 660 35	2, 637 61	11, 517 85	.....	.....	14, 183 46	.....	.....

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
July 25, 1873	787	M. J. Laughlin	Grade. (October 23 1874. Relinquished in consideration of work to be given on N street.)	F st., bet. Va. ave. and river. . .
Mar. 31, 1873	787	Commissioners' extension.	To complete the unfinished work under this contract previously relinquished, the work upon N street being abandoned on account of striking rock. (See contract No. 313.)	.....
July 25, 1873	788	James Reynolds...	Lay brick pavements and park on the north side. Construct 12-inch-pipe sewer, with man-holes and traps, on south side.	R. I. ave., bet. 7th st. and N. J. ave., n. w. R. I. ave., bet. 6th st. and Boundary, n. w.
July 19, 1873	788	Commissioners' extension.	Lay brick pavement	R. I. ave., bet. 13th and Boundary sts., n. w.
Oct. 17, 1873	788	.....do	Grade and pave with cobblestone.	Alley, square 210.
July 23, 1873	789	Albert Gleason....	Grade and deposit earth in old canal.	H st., bet. 7th and 10th sts., a. w.
May 4, 1875	792	Commissioners' extension.	Reset curbs and relay brick pavement	.....do*
July 28, 1873	795	F. H. Finley	Lay two ring brick barrel-sewer, 3 feet 6 inches inside diameter, on north side of— Construct two ring brick sewer, 3 feet inside diameter, on north side of— Construct 18-inch-pipe sewer, with man-holes and traps, on the north side of— Construct 18-inch-pipe sewer, with man-holes and traps, on the south side of— Construct 12-inch-pipe sewer, with man-holes and traps, on both sides of— Grade, reset curbs, park, relay brick pavements, flag gutters, and lay blue-stone pavement. (September 26, 1873, canceled so far as relates to blue-stone pavement between Third and Seventh streets, northwest)	K st., bet. 1st and N. Cap. sts., n. w. K st., bet. 1st st. and N. J. ave., n. w. K st., bet. 1st and 3d sts., n. w. K st., bet. 3d and N. Cap. sts., n. w. K st., bet. 4th and 7th sts., n. w. K st., bet. 7th and N. Cap. sts., n. w.
Apr. 25, 1874	795	Extension board of public works.	Concrete entrances to alleys ..	K st., bet. 3d and 7th sts., n. w.
May 19, 1875	795	Commissioners' extension.	Grade. .... .....do	E st., bet. 2d st. and N. C. ave., a. e. 2d st., bet. Pa. ave. and F st., a. e.
			.....do	Va. ave., bet. N. J. ave. and 6th st., a. e.
			.....do	1st st., bet. N. C. ave. and F st., a. e.
June 29, 1875	795	.....do	Grade, reset curbs, and relay brick pavements.	1st st., bet. C and E sts., a. e. .
Sept. 27, 1875	795	.....do	Macadamize road-way. (November 17, 1875, gravel substituted for macadam.)	1st st., bet. C st. and N. J. ave., a. e.
July 12, 1873	799	Thomas Lucas	Grade and set curbs	Green st., bet. Water and Bridge sts., Georgetown.
			Grade, set curbs, and lay cobble-stone pavement.	Jefferson st., bet. Water and Bridge sts., Georgetown.
July 26, 1875	799	Commissioners' extension.	Lay brick pavement .....	.....do

* None on the street between these limits.

† See foot-note No. 1.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 25, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 25, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	\$43,457 10	.....	\$17,172 94	.....	\$3,219 17	\$20,392 11	.....
.....	.....	.....	.....	.....	.....	.....	.....	Canceled.
No esti- mate.	\$5,307 00	\$2,107 20	4,128 93	.....	.....	6,236 15	.....	Complete
	.....	.....	.....	5,510 87	150 10	5,660 87	.....	Complete.
No estimate	27,483 04	5,841 20	17,034 71	.....	.....	22,876 00	.....	Complete.
No estimate	.....	3,043 00	.....	.....	.....	3,043 00	.....	Complete.
.....
.....
.....
.....	6,549 87	89,137 41	6,549 87	.....	.....	95,687 08	\$8,543 18	Complete.
.....
.....	.....	.....	.....	.....	.....	.....	.....	Canceled.
.....	.....	.....	.....	16,811 81	11,252 69	28,064 50	.....	.....
.....	.....	.....	.....	26,662 45	368 31	26,294 14	.....	Complete.
No estimate	18,965 40	3,127 63	.....	.....	.....	3,127 63	.....	Complete.
.....	.....	7,003 16	7,616 97	.....	.....	14,630 13	.....	.....
.....	.....	.....	.....	1,786 63	.....	1,786 63	.....	Complete.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
July 12, 1873	799	Thomas Lucas	Grade, set curbs, and lay cobble-stone pavement.	Washington st., bet. Bridge and Water sts., Georgetown.
July 26, 1875	799	Commissioners' extension.	Construct 12-inch pipe-sewer.	.....do.....
June 15, 1875	799	.....do.....	Set curbs, lay cobble-stone pavement on carriageway, terrace, and lay brick pavement on east side.	Mill st., bet. West and Stoddard sts., Georgetown.
Oct. 13, 1875	799	.....do.....	Lay brick pavement on west side.	High st., bet. Canal bridge and Water st., Georgetown.
July 30, 1873	804	Thomas Lucas	Grade, re-set curbs, repair brick pavements, and relay cobble-stone pavement.	Potomac st., bet. Water and Grace sts., Georgetown.
			Grade, set curbs, repair brick pavements, and lay Belgian pavement.	Grace st., bet. Potomac and High sts., Georgetown.
			Build brick walls in underpinning sixteen houses, construct wooden steps and porches, and do necessary repairs to said houses on—	Grace st., Georgetown.....
Aug. 1, 1873	808	Samuel Cook.....	Grade, set curbs, lay brick and cobble-stone pavements.	D st., bet. 7th and 14th sts., a w
			Construct a 15-inch pipe-sewer with man-holes and traps, on north side.	D st., bet. 7th and 9th sts., a w
			.....do.....	D st., bet. 11th and 12th sts., a w.
			Construct a 15-inch pipe-sewer with man-holes and traps, on both sides.	D st., bet. 13th and 14th sts., a w.
			Lay flag foot-ways at.....	D st., and Md. ave., a w.....
			Sewer, (outlet for sewer on D street.)	14th st., a w.....
			Grade.....	13th st., bet. Md. ave. and B st., a w.
May 1, 1875	808	Commissioners' extension.	Reset curbs, and relay brick pavements.	.....do.....
Aug. 1, 1873	808	Samuel Cook.....	Lay 15-inch pipe-sewer with man-holes and traps, on east side.	13½ st., bet. B and D sts., a w..
			Lay 18-inch pipe-sewer with man-holes and traps, on east side.	13½ st., bet. D st. and Md. ave., a w.
			Grade.....	13½ st., bet. Md. ave. and B st., a w.
May 1, 1875	808	Commissioners' extension.	Reset curbs, relay brick pavements.	.....do.....
Sept. 13, 1875	808	.....do.....	Lay cobble-stone pavements.	.....do.....
			Construct a 3-foot brick, a 2-foot brick, and an 18-inch pipe-sewer, with man-holes and traps.	9th st., bet. E and I sts., a w..
Aug. 2, 1873	811	Campbell & Rothwell.	Lay 15-inch pipe-sewer on both sides of—	7th st., bet. East Capitol st. and N. C. ave.
			Lay 15-inch pipe-sewer on west side of—	7th st., bet. East Capitol and A sts., n. e.
			Lay 20-inch pipe-sewer on east side of—	.....do.....
			Lay 15-inch pipe-sewer on west side of—	7th st., bet. A st. and Md. ave., n. e.
			Lay 15-inch pipe-sewer on west side of—	7th st., bet. Md. ave. and G st., n. e.
			Construct 2-ring brick barrel-sewer, 3 feet inside diameter, on east side of—	7th st., bet. Md. ave. and A st., n. e.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 20, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
No estimate	\$18,631 76	.....	\$18,631 76	.....	.....	\$18,631 76	.....	Complete.
.....	.....	.....	.....	\$1,524 40	.....	1,524 40	.....	Complete.
.....	.....	.....	.....	2,163 03	.....	2,163 03	.....	Complete.
.....	.....	.....	.....	.....	{ \$331 92 485 38	331 92 485 38	}	Complete.
Complete	2,210 48	.....	2,210 48	.....	.....	2,210 48	.....	Complete.
.....
.....	.....	\$15,905 31	.....	.....	.....	15,905 31	.....	.....
No esti- mate.	.....	.....	.....	.....	.....	.....	.....	.....
.....	6,862 31	19,633 71	6,862 31	.....	.....	26,496 02	.....	Complete.
.....
.....	2,059 58	.....	2,059 58	.....	.....	2,059 58	.....	.....
.....	7,373 64	.....	7,373 64	.....	.....	7,373 64	.....	.....
.....	.....	.....	.....	6,712 59	.....	6,712 59	.....	Complete.
.....
.....	.....	.....	9,540 99	.....	.....	9,540 99	.....	Complete.
.....	19,920 42	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	10,379 43	.....	10,379 43	.....	Complete.
.....	.....	.....	.....	10,516 13	.....	10,516 13	.....	Complete.
No esti- mate.	.....	.....	.....	.....	.....	.....	.....	.....
.....
.....
.....	32,005 51	.....	32,005 51	.....	.....	32,005 51	.....	Complete.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Aug. 2, 1873	811	Campbell & Rothwell—Continued.	Construct 2-ring brick barrel-sewer, 3 feet 6 inches inside diameter, on east side of, (all with man-holes and traps.) Lay 15-inch-pipe sewers on both sides.	7th st., bet. Md. ave. and G st., n. e. A st., bet. 3d and 6th sts., s. e.
May 5, 1875	811	Commissioners' extension.	Lay 12-inch-pipe sewer, with man-holes and traps.	A st., bet. 6th and 7th sts., s. e.
June 1, 1875	811	do	Lay 2 ring brick sewer	Mass. ave., bet. 8th and 9th sts., n. e.
			Lay 15-inch-pipe sewer	Mass. ave., bet. 9th and 10th sts., n. e.
			Lay 12-inch-pipe sewer, (all with man-holes and traps.)	Mass. ave., bet. 10th and 11th sts., n. e.
			Lay 15-inch-pipe sewer, with man-holes and traps.	8th st., bet. East Capitol st. and Mass. ave.
			Lay 12-inch-pipe sewer, with man-holes and traps.	9th st., bet. East Capitol st. and Mass. ave.
Sept. 4, 1875	811	Commissioners' extension.	Lay 12-inch-pipe sewer, west side.	9th st., bet. East Capitol st. and B st., n. e.
June 1, 1875	811	do	Lay 12-inch-pipe sewer, with man-holes and traps.	10th st., bet. East Capitol st. and Mass. ave.
Aug. 11, 1875	811	Commissioners' extension.	do	A st., bet. 2d and 4th sts., n. e.
Aug. 4, 1873	818	Jo. F. Hodgson ..	Lay sewer*	Square 786
Aug. 4, 1873	819	Andrew Gleason ..	Grade	B st., bet. 2d and 3d sts., n. e.
			Grade, set curbs, lay brick pavements, lay 12-inch-pipe sewers, with man-holes and traps, and gravel the carriage-way.	19th st., bet. East Capitol st. and Ga. ave.
May 19, 1875	819	Commissioners' extension.	Grade	4th st., bet. Mass. ave. and E st., n. e.
July 15, 1875	819	do	Set curbs and lay brick foot-walks.	4th st., bet. E and Boundary sts., n. e.
July 31, 1875	819	do	Grade, set curbs, lay brick pavement, and lay 12-inch-pipe sewer.	6th st., bet. Q and Boundary sts., n. w.
Nov. 30, 1875	819†	do	Grade, set curbs, lay brick pavement, cobblestone gutters, and gravel the roadway.	M st., bet. North Capitol and 1st sts., n. e.
Sept. 27, 1875	819	Commissioners' extension.	Lay sewer; Lay pipe-sewers for the drainage of—	Square 628
Aug. 7, 1873	821	Geo. W. Goodall ..	Construct 12-inch-pipe sewer, with man-holes and drops, in alley.	Squares 675, 676, and 677, I st., n. e.
			Construct 12-inch-pipe sewer, with man-holes and drops, in alley.	Square 454
Aug. 7, 1873	825§	Stephen Talty....	Grade, set curbs, lay cobblestone, gutters, lay brick pavements and gravel road-way. (November 30, 1874; canceled so far as relates to M street, between First and Fourth streets, northeast, at his own request, in consideration of the following work which has been given.)	Square 624
				M st., bet. N. Cap. and Boundary sts., n. e.

* Extra work, 0065, E. O. 1875. † See foot-note No. 1. ‡ Extra work 8408, 8906, 8009, and 11235, E. O. 1875.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
	\$2,810 91		\$2,810 91			\$2,810 91		
				\$1,774 92		1,774 92		Complete.
				5,653 68		5,653 68		Complete.
				1,277 19		1,277 19		
				1,685 34		1,685 34		Complete.
				576 24	\$25 41	601 65		Complete.
				3,098 38		3,098 38		
				761 17		761 17		Complete.
No estimate	25,494 15		6,668 85	1,150 79		1,150 79		
Abandoned	7,160 46	\$14,063 89	1,319 28			6,668 85	\$281 52	Complete.
				22,531 97		15,323 15		Complete.
				19,828 79		22,531 97		Complete.
				16,182 01		19,828 79	02	Complete.
				2,845 71	126 00	16,182 04		Complete.
				800 04	—107 39	2,971 71		Canceled.
				3,421 47		882 65		
No estimate						3,424 47		Complete.
	3,174 11		3,174 11					Complete.
No estimate	51,850 10	4,800 00	44,523 54			3,174 11		
						49,323 54		Complete.

§ All claims under this contract, except payment of balance due, extinguished by terms of contract No. 27, new series, dated May 29, 1876.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Sept. 17, 1873	826	Commissioners' extension.	Grade, set curbs, and lay brick pavements.	K st., bet. 3d and 7th sts., n. e.
Dec. 3, 1875	826	.....do.....	Lay flag footwalks, cobble-stone gutters, and gravel the roadway.	K st., bet. 3d and 7th sts., n. e.
July 21, 1873	831	W. H. Adams.....	Construct a three-ring brick sewer, 9 feet inside diameter, from the intersection of Third and P streets, northwest, across square 553 to O street, northwest; thence along O street, northwest, to a point between North Capitol and First streets, northwest. A semi-circular arch, ten feet radius, on stone invert along said O street, northwest, to North Capitol street. Also construct a three-ring brick sewer, 9 feet inside diameter, from the point aforesaid, on O street, northwest, between North Capitol and First streets, northwest, to First street, northwest, and along First street, northwest, to Boundary street.	.....
Nov. 30, 1874	831	Commissioners' extension, William L. Davis.	Construct a brick barrel-sewer, 13 feet inside diameter, according to modified plan, beginning at a point near the intersection of First and O streets, northwest; thence across square 617 to a point on North Capitol street, 180 feet from the southwest corner of O and North Capitol streets, northwest, to connect with the North Capitol street sewer. (Given under section 5 of contract.)	.....
Aug. 1, 1873	832	Bartlett & Williams.	Construct a semi-circular arch, 10 feet radius, on stone invert along North Capitol street, from E to O streets, northwest.	.....
Aug. 12, 1873	833	Dennis Nalley	Sewer laid under contract 559 in the year 1872, on— Grade, set curbs, lay brick pavement and blueatone pavement. Lay 12-inch-pipe sewers, with man-holes and traps, on both sides of— Lay 12-inch-pipe sewer, with man holes and traps, on west side of— Lay 15-inch-pipe sewer, with man-holes and traps, on both sides of— Lay 18-inch-pipe sewer, with man-holes and traps, on west side of— Lay 18-inch-pipe sewer, with man-holes and traps. Lay 18-inch-pipe sewer, with man-holes and traps, on north side of—	C st., bet. 3d and 4½ sts., n. w. 4th st., bet. N. C. ave. and Potomac river. 4th st., bet. N. C. ave. and E st., s. e. 4th st., bet. E st. and S. C. ave., s. e. 4th st., bet. S. C. ave. and Va. ave. 4th st., bet. Va. ave. and I st., s. e. I st., bet. 3d and 4th sts., s. e. S. C. ave., bet. 3d and 4th sts., s. e.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	.....	.....	.....	\$10,504 60	\$2,629 87	\$13,134 47	.....	Complete.
\$17,000 00	\$78,195 00	\$122,222 43	\$11,500 12	.....	.....	133,722 55	.....	Complete.
.....
.....	.....	.....	36,031 46	.....	.....	36,031 46	.....	Complete.
.....
240,000 00	233,864 40	198,509 33	233,864 40	.....	.....	432,373 73	54,444 48	Complete.
.....	.....	.....	.....	.....	594 77	594 77	.....	.....
50,000 00	92,253 47	9,608 02	74,571 26	.....	1,299 55	85,478 83	.....	Complete.
.....	.....	.....	1,263 18	.....	.....	1,263 18	.....	.....
.....	.....	.....	1,560 37	.....	.....	1,560 37	.....	.....

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Aug. 12, 1873	833	O. O'Hare.....	Lay 18-inch-pipe sewer, with man-holes and traps. Lay 12-inch and 15-inch-pipe sewers, with man-holes and traps. Lay 12-inch-pipe sewer, with man-holes and traps. Lay 12-inch-pipe sewer, with man-holes and traps, in alley. do Lay 15-inch-pipe sewer, with man-holes and traps, in alley. Lay 12-inch-pipe sewer, with man-holes and traps, in alley. do Lay 12-inch and 15-inch-pipe sewers, with man-holes and traps, in alley. Lay 12-inch-pipe sewer, with man-holes and traps, in alley.* do Lay 12-inch-pipe sewer, with man-holes and traps, in alley. do	9th st., bet. 6th st. and R. I ave., n. w. Q st., bet. 6th and 9th sts., n. w. P st., bet. 6th and 11th sts., n. w. Square 397 Square 398 Square 420 Square 421 Square 422 Square 444 Square 445 Square 446 O st., bet. 6th and 7th sts., n. w. 7th st., bet. N and O sts., n. w. Square 422½ H st., bet. 4½ and 6th sts., s. w.
June 2, 1874	835	Extension board of public works.	Lay 12-inch-pipe sewer, with man-holes and traps.† do Lay 12-inch-pipe sewer, with man-holes and traps, in alley. Lay 12-inch-pipe sewer	Square 278 Square 900 Square 245 do Square 416 Square 441 and outlet F st., bet. 6th and 7th sts., n. w.
Aug. 9, 1875	835	Commissioners' extension.	Lay 12-inch-pipe sewer in alley	Square 278
June 17, 1875	835	do	Lay pipe-sewer in alley	Square 900
July 12, 1875	835	do	Grade and pave alley	Square 245
Aug. 9, 1875	835	do	Lay 12-inch-pipe sewer in alley	do
Aug. 20, 1875	835	do	do do do Lay brick pavements on north side. (Canceled, by order of Commissioners, so far as relates to Stoddard street.) Grade, set curbs, lay brick pavements, pave carriage-way, and lay 12-inch sewer. Grade, set curbs, lay brick pavements, sewers, and pave carriage-way. Grade, set curbs, and lay brick footwalks. (January 26, 1876, canceled. Changed, by order of Commissioners, so far as relates to paving carriage-way of Beall street.)	Square 416 Square 441 and outlet F st., bet. 6th and 7th sts., n. w. Stoddard st., bet. Congress & Washington sts., Georgetown. Beall st., bet. High and Washington sts., Georgetown. Beall st., bet. Green and Washington sts., Georgetown. Beall st., bet. Green and Monroe sts., Georgetown.
Dec. 27, 1875	835	do	Make such repairs as may be ordered on—	Fayette st., between 1st and 7th sts., and 2d st., bet. Fayette and Warren sts., Georgetown. Square 368½
Sept. 20, 1875	835	do	Construct sewer in.	Boundary st., bet. 2d and 11th sts., n. e.
Aug. 12, 1873	830	Gants & Appleman	Construct a 3-ring brick barrel sewer, 6 feet inside diameter.	do
May 16, 1873	836	Extension board of public works.	Grade	do
Aug. 30, 1875	836	Commissioners' extension.	Set curbs and lay brick pavements.	Boundary st., bet. 6th and 9th sts., n. e.
Nov. 24, 1875	836	do	Gravel	do

* Plan changed.

† Work done by W. H. Mohler.

‡ Square 423.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvements, (see footnote No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners as audited by board of audit.		Measurement of all additional work completed up to March 24, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
\$23,000 00	\$20,901 15	\$442 72				\$442 72		Complete.
			\$846 81			846 81	\$141 13	
		1,484 19	1,301 64			2,785 83	216 94	
		1,733 48				1,733 48		
		945 00				945 00		
		399 92	437 16			837 08	72 86	
		115 80	949 24			1,065 04	158 20	
			732 81			732 81	122 13	
		1,970 62				1,970 62		
			2,356 59			2,356 59	178 07	
	1,294 19		1,294 19			1,294 19	324 07	Complete.
				\$1,501 39		1,501 39		Complete.
				890 40		890 40		Complete.
				2,777 72		2,777 72		Complete.
				4,175 39		4,175 39		Complete.
				1,503 76		1,503 76		Complete.
				9,368 83		9,368 83		Complete.
				546 94		546 94		Complete.
				6,322 82	\$242 20	6,565 02		
								Complete.
				24,840 53	-124 61	24,715 92		
								Complete.
				2,274 51		2,274 51		Complete.
				1,229 07		1,229 07		Complete.
70,000 00	50,900 91	146,736 87	7,724 75			154,461 62		Complete.
								Complete.
				10,536 99		10,536 99		Complete.
								Complete.

§ Included in above item of \$732.31.

|| Extra work, 2300 E. O., 1875.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor	Description of work.	Location.
Sept. 25, 1874	836	Commissioners' extension.	Construct a 3-ring brick barrel-sewer, 7 feet inside diameter, along Brentwood road, between Boundary street and intersection of Tiber Creek for a distance northwardly of one thousand feet, more or less, and construct a 2-ring brick barrel-sewer on Boundary street, between Brentwood and Gales's Creek.	.....
May 20, 1875	836	.....do	Construct a 3-ring brick barrel-sewer at such points along Gales's Creek as may be necessary, in order to complete the grading in that section of the city, between Boundary and K streets north, and Second and North Capitol streets east; also, construct a gravel-pit and inlet for the same.	.....
Aug. 12, 1873	838	Ballard Paving Co.	Grade, set curbs, lay brick pavements and wood pavement on Bridge street from a point 250 feet from the west building-line of High street to Market street.	Georgetown, D. C.
Nov. 13, 1873	838	Extension board of public works.	Lay brick pavements on Bridge street from a point 250 feet west of High street to High street. (Under this contract brick pavements were left unfinished by consent of board of public works.)	.....do
July 16, 1875	(*) 838	Commissioners' extension, John Lyons.	Construct sewers and lay Belgian pavement on the carriage-way. (See extension of July 6, 1875.)	Market st., Georgetown..... Bridge st., bet. Market and Lingau sta., Georgetown.
Aug. 12, 1873	838	Ballard Paving Co.	Grade, set curbs, lay brick and wood pavements. (Work had been assessed as if completed.)	Potomac st., bet. Bridge and 2d sta., Georgetown.
July 12, 1875	838	Commissioners' extension, John Lyons.	Complete the grading, setting curbs, and laying brick pavements.	.....do
Aug. 12, 1873	838	Ballard Paving Co.	Set curbs, lay brick and wood pavements.	Congress st., bet. Bridge and Gay sta., Georgetown.
July 6, 1875	833	Commissioners' extension, John Lyons.	Lay and relay brick pavements and reset curbs on the following streets in Georgetown, viz:	Washington st., bet. Bridge and Gay sta., and bet. West and Stoddard sta., Georgetown. 1st st., bet. Market and Frederick sta. Gay st., bet. High and Washington sta. Green st., bet. Water and Bridge sta. Aqueduct st., bet. Green st. and Rock Creek. Congress st., bet. Bridge and Gay sta., and bet. Congress and Potomac sta.

* Not mentioned in contract.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 24, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	.....	.....	.....	\$30,630 26	.....	\$30,630 26	.....	Complete.
.....	.....	.....	.....	85,876 38	.....	85,876 38	.....	Complete.
Complete	.....	\$17,441 04	.....	.....	.....	17,441 04	.....	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
.....	.....	72 75	.....	.....	.....	72 75	.....	.....
.....	.....	.....	.....	38,427 36	.....	38,427 36	\$1,328 01	Complete.
.....	.....	13,868 75	.....	.....	.....	13,868 75	.....	Complete.
.....	\$3,549 02	.....	\$3,549 02	.....	.....	3,549 02	.....	Complete.
.....	.....	9,084 30	.....	.....	.....	9,084 30	.....	Complete.
.....	.....	14,446 93	.....	.....	.....	14,446 93	.....	.....
Complete	3,150 38	.....	3,150 38	.....	.....	3,150 38	.....	Complete.
.....	1,304 08	.....	1,304 08	.....	.....	1,304 08	.....	.....
.....	1,533 85	.....	1,533 85	.....	.....	1,533 85	.....	.....
.....	2,793 86	.....	2,793 86	.....	.....	2,793 86	.....	.....
.....	847 72	.....	847 72	.....	.....	847 72	.....	.....
.....	1,121 01	.....	1,121 01	.....	.....	1,121 01	.....	.....

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Aug. 19, 1875	838	Commissioners' extension.	Grade, set curbs, lay brick pavements, cobble-stone gutters, and 12-inch-pipe sewer. Lay brick pavements * Lay brick leads †	6th st., bet. East Capitol st. and N. C. ave. 21st st., bet. K and M sts., n. w. 23rd st., bet. M and N sts., n. w.
Aug. 12, 1875	841	S. C. Wroe.....	Grade, set iron posts in cement, and lay brick pavement around the space at the intersection of North Carolina avenue, D, Second, and Third streets, southeast, and sow grass-seed in above reservation.	
Aug. 12, 1875	843	E. E. Barnes	Construct 15-inch-pipe sewers on both sides of Third street, southeast, from south side of North Carolina avenue to South Carolina avenue; thence a 2-ring brick barrel-sewer, 3 feet inside diameter, from South Carolina avenue along Third street, to I street, southeast; thence a 2-ring brick barrel-sewer, 3 feet inside diameter, on I street, between Third street and canal, with man-holes and traps. Construct water-services § Lay 12-inch-pipe sewers, with man-holes and traps, in alley. ||	
Aug. 12, 1875	845	Riley A. Shinn....	Grade, set curbs, and lay brick and Seneca stone pavements.	3d st., bet. D and E sts., s. e. Square 763. 25th st., bet. Pa. ave. and K st., n. w.
Aug. 13, 1875	849	Owen O'Hare	Lay 15-inch-pipe sewer, with man-holes and traps, on west side of— Do Do	20th st., bet. Mass. ave. and Conn. ave., n. w. 20th st., bet. R and S sts., n. w. Conn. ave., bet. 20th and R sts., n. w. 19th and P sts., n. w.
			Construct trap on northwest corner of— Do	19th and Q sts., n. w. 19th st., bet. R and Q sts., n. w.
			Lay 18-inch-pipe sewer on east side. Lay 15-inch-pipe sewer on west side. Lay 12-inch-pipe sewer, with man-holes and traps, on north side. Lay 20-inch-pipe sewer, with man-holes and traps, on north side. Lay 15-inch-pipe sewer, with man-holes and traps, across— Lay 12-inch-pipe sewer, with man-holes and traps, on both sides. ¶	.....do Q st., bet. 19th st. and Conn. ave., n. w. Q st., bet. 17th and 19th sts., n. w. Q st., at 19th st., n. w.
May 19, 1875	849	Commissioners' extension.	Lay 12-inch-pipe sewer, with man-holes and traps. Lay 15-inch-pipe sewer, with man-holes and traps. Lay 18-inch-pipe sewer, with man-holes and traps. Lay 12-inch-pipe sewer, with man-holes and traps.	R st., bet. 19th st. and Conn. ave., n. w. W st., bet. 14th and 15th sts., n. w. N. H. ave., bet. V and W sts., n. w. V st., bet. N. H. ave. and 17th st., n. w. 16th st., bet. V and Boundary sts., n. w.

* Included in contract 737.

† Extra work, 1938 E. O., 1875.

‡ Third-street portion of sewer.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 22, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Commissioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and extensions of board of public works.	On extensions of Commissioners of the District of Columbia, (involving new work.)				
				\$7,155 69		\$7,155 69		Complete.
	\$4,212 60		\$4,212 60			4,212 60		
Complete	11,452 58	\$5,222 00	11,452 58			10,674 61		Complete.
	\$16,733 00	16,733 50	10,941 89 4,383 00			10,911 89 4,383 00		Complete.
No estimate	4,270 39		3,100 98			3,100 98		Complete.
Complete		3,187 60				3,187 60		Complete.
		999 92				999 92		
		4,139 96				4,139 96		
		6,569 74				6,569 74		
				1,309 04		1,309 04		Complete.
				2,489 60		2,489 60		
				2,765 76		2,765 76		
				868 22		868 22		

§ I-street portion of sewer.

|| Plan changed.

¶ Done under contract 911.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Aug. 15, 1873	853	Wholly & Brainard.	Build sea-walls on James Creek Canal, from Virginia avenue to Arsenal grounds.	
Sept. 9, 1874	853	Commissioners' extension, A. L. Nesmith & Co., (Nesmith & Vance,) (Nesmith & Diller.)	Under article 5 of foregoing contract, to complete sea-walls on James Creek Canal, between G and I streets, southwest. (Old work condemned.) Commissioners' extensions continued the same work under other parties and a modified plan.	
Sept. 16, 1875	853	Commissioners' extension, Loane, Cavan & Co.	Under article 5 of foregoing contract to complete the sea-walls on James Creek Canal, between I and N streets, southwest.	
Dec. 8, 1875	853	Commissioners' extension, Thomas P. Morgan.	Dredge canal between Virginia avenue and Arsenal grounds.	
Oct. 26, 1875	853	Commissioners' extension, A. L. Nesmith & Co.	Grade.....	Canal st., bet. H and I sta. s. w.
Oct. 26, 1875	853	.....do	Construct 18-inch-pipe sewer on both sides. Construct 18-inch-pipe sewer on east side. Construct 12-inch-pipe sewer on east side. Construct 18-inch-pipe sewer on north side.	H st., bet. South Capitol st. and James Creek Canal. South Capitol st., bet. G and H sta., s. w. South Capitol st., bet. H and K sta., s. w. I st., bet. East Capitol st. and James Creek Canal.
July 9, 1873	854	Albert Gleason ...	Grade, set curbs, park, lay brick and blue-rock pavements.	Md. ave., bet. 9th and 14th sta. s. w.
Apr. 15, 1875	854	Commissioners' extension.	Modified and extended to lay Belgian trap-rock in lieu of blue-rock. [NOTE—The extension from Seventh street to Ninth street is in pursuance of the letter of award which shows that the contract was ordered to be drawn to include these limits.]	Md. ave., bet. 7th and 14th sta. s. w.
July 19, 1875	854	.....do	Lay 12-inch-pipe sewer on both sides. Lay 12-inch-pipe sewer on south side. Lay 12-inch-pipe sewer on north side. Lay 12-inch-pipe sewer on east side. Lay 15-inch-pipe sewer..... Lay 12-inch-pipe sewer on east side. Lay 12-inch-pipe sewer..... Lay 12-inch-pipe sewer on south side C street between Ninth and Tenth streets southwest, thence a 15-inch sewer to the south side of Virginia avenue, and across Virginia avenue.	Md. ave., bet. 12th and 13th sta. s. w. Md. ave., bet. 13th and 13½ sta. s. w. Md. ave., bet. 10th and 11th sta. s. w. 13th st., bet. Md. ave. and E st., s. w. 13th st., bet. Md. ave. and river, s. w. 13½ st., bet. Md. ave. and river, s. w. 10th st., bet. Md. ave. and C st., s. w.

* Under new plan adopted by the Commissioners, cost has been increased \$59,918.80. † Proposals invited.
; See foot-note No. 1: Proposals invited. All claims under this contract, except payment of balance due, extinguished by terms of contract No. 23, new series, dated May 19, 1876.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion, February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
\$50,000 00	\$57,160 50	\$50,440 59				\$50,440 59	\$5,703 53	Complete.
			\$5,884 39			5,884 39		Complete.
			22,866 12			22,866 12		
			88,328 79		\$797 66	89,126 45		Complete.
					7,831 81	7,831 81		Canceled.
				\$2,224 46		2,224 46		Complete.
								Complete.
				3,821 06		3,821 06		
\$8,000 00	112,794 04	94,694 75				94,694 75	3,709 50	Complete.
				55,566 46		55,566 46		Complete.
								Complete.
				1,301 02		1,301 02		
				517 82		517 82		
				385 02		385 02		
				692 96		692 96		

Pavement changed from blue-rock to Belgian trap-rock. Additional cost on original contract, \$2,357.61; additional cost on extension of contract, \$16,365.48.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
July 19, 1875	854	Commissioners' extension.	Lay 12-inch-pipe sewer on west side.	9th st., bet. Va. ave. and B st., s. w.
Sept. 29, 1875	854	do	Lay Belgian stone-block pavement.	9th st., bet. D st., and Md. ave., s. w.
			Lay Belgian stone-block pavement, alley.*	Square 267.
Aug. 15, 1873	855	Harvey Belt	Lay brick pavements and park.	11th st., bet. B st., and river.
			Lay 12-inch-pipe sewer, with man-holes and traps, both sides.	11th st., bet. B st. and Md. ave
June 12, 1873	860	Birch & Fletcher.	Fill to grade, set curbs, lay brick and Belgian trap-rock pavement.	10th st. s. w. f.
			Lay 18-inch-pipe sewer, with man-holes and traps, north side.	Water st., bet. K st. bridge and High st.
			Lay 3 feet D shaped sewer, with plank bottom.	Water st., bet. High and Jefferson sts.
			Lay 15-inch-pipe sewer, with man-holes and traps, on both sides.	Congress st., bet. Water st. and river.
			do	Washington st., bet. Canal and Water sts.
			do	Jefferson st., bet. Canal and Water sts.
			Lay 15-inch-pipe sewer, with man-holes and traps, in the alley in square between—	Congress and Canal and Water
	860	Commissioners' extension, Henry Birch.	Grade, set curbs, lay brick pavement and Belgian pavement.	and Jefferson sts. Georgetown, D. C.
			(This extension takes the place of the extension of contract 765, and is explanatory only—see extension of contract 765.)	1st st., bet. Md. ave. and N st., s. w.
Aug. 18, 1873	863	M. J. Laughlin	Grade and set curbs.	Md. ave., bet. 1st and 2d sts., n. e.
Nov. 10, 1873	863	Extension board of public works.	Park	do
			Park, terrace, and lay brick pavement.	A st., bet. 1st and 3d sts., n. e.
Apr. 29, 1875	863	Commissioners' extension.	Grade, set curbs, lay brick foot-walks, and park.	A st., bet. 3d and 4th sts., n. e.
Aug. 30, 1873	867	P. Brennan	Grade and gravel roadway	A st., bet. 2d and 4th sts., n. e.
			Grade, set curbs, and lay brick pavements.	R st., bet. 14th and 16th sts., n. w.
Aug. 21, 1873	868	W. H. Mohler	Grade, set curbs, lay brick pavements, and construct 12-inch-pipe sewer, with man-holes and traps. (Sept. 2, 1873, canceled so far as relates to sewerage on O street, between Tenth and Eleventh streets, northwest.)	O st., bet. 8th and 13th sts., n. w.
Aug. 25, 1873	871	Vandenburgh, Cranford & Filbert.	Lay water-service and vulcanite pavement. (Sept. 10, 1873, canceled so far as relates to pavement between Sixth and Eighth streets, northwest.)	O st., bet. 5th and 13th sts., n. w.
Nov. 11, 1874	871	Commissioners' extension.	Redress, rejoin, and reset curbs and lay vulcanite pavement.	O st., bet. 4th and 5th sts., n. w.
Aug. 25, 1873	871	Vandenburgh, Cranford & Filbert.	Set curbs, lay vulcanite pavement, and construct 12-inch-pipe sewers with man-holes and traps.	Columbia st., bet. O and Q sts., n. w.

* Done by Baltimore and Potomac Railroad Company.

† Not mentioned in contract.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 25, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
				\$6,171 78		\$6,171 78		
								Complete.
Complete	\$3,605 69	\$15,405 05	\$3,605 69			19,010 74		Complete.
		1,465 62				1,465 62		
Complete		43,664 30				43,664 30		Complete.
		1,818 59				1,818 59		
		2,347 84				2,347 84		
		630 48				630 48		
	57,397 91		46,068 02		\$5,964 65	52,032 67	\$1,939 46	Canceled.
Complete		10,335 65				10,335 65		Complete.
	5,200 00	5,314 50	200 00			5,514 50		Complete.
				10,102 46		10,102 46		Complete.
Complete	5,426 50	14,932 30	5,426 50			19,458 80		Complete.
No estimate		9,453 82	668 74			10,122 56		Complete.
No estimate	20,838 44	21,394 03	20,838 44			42,232 47	9,902 35	Complete.
				11,450 90		11,450 90		Complete.
No estimate		9,633 75				6,633 75		Complete.

; See foot-note No. 1. Claimed as oral contract with board of public works.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Aug. 25, 1873	875	William Buckley.	Belgian trap-rock pavement.	D st., bet. 4 th and 7th sts., a. w.
Sept. 29, 1875	875	Commissioners' extension.	Grade and repave alley in.....	Square 435
Aug. 26, 1873	876	Richard Morgan ..	Construct a two-ring brick sewer, 3 feet inside diameter.	6th st., bet. Va. ave. and M st., s. e.
July 1, 1875	876	Commissioners' extension.	Construct a two-ring brick sewer, 5 feet inside diameter, (necessary outlet.)	6th st., bet. M st. and Eastern Branch.
Aug. 27, 1873	878	Brennan & Hutton	Clean and repair man-holes and traps, and build such man-holes, traps, and drops as may be directed, in the District of Columbia, for one year.	.....
Sept. 20, 1875	878	Commissioners' extension.	To continue in force until November 1, 1875.	.....
Aug. 24, 1873	879	M. J. Laughlin	Reset curb, relay brick pavements, and gravel carriage-way.	C st., bet. 13 th and 14th sts., s. w.
Oct. 18, 1875	879	Commissioners' extension.	Lay 12-inch-pipe sewers on both sides of—	C st., bet. 13th and 13 th sts., s. w.
Aug. 29, 1873	880	Horatio Browning.	Set curbs, park, and macadam pavement on—	Pa. ave., bet. 8th and 11th sts., s. e.
May 3, 1875	880	Commissioners' extension.	Lay and relay brick pavement.	.....do.....
Sept. 1, 1873	881	Owen O'Hare.....	12 inch-pipe sewer, with man-holes and traps, in—	Alley, square 561
Sept. 2, 1873	885	Henry Himber and W. H. Groat.	Grade, gravel, and cobble gutters, and masonry head-walls to two 18-inch pipe-culverts.	Columbia road, bet. Boundary and 14th sts., n. w.
			Gravel	Columbia road, bet. Boundary and S sts., n. w.
July 7, 1875	885	Commissioners' extension.	*Macadamize	Columbia road, bet. 14th and 19th sts., n. w.
Sept. 6, 1875	886	W. B. Lacy	Grade, gravel, and cobble gutters.	Fillmore st., bet. Harrison and Jefferson sts., Uniontown, D. C.
				Pierce st., bet. Washington and Jefferson sts., Uniontown, D. C.
				Washington st., bet. Monroe and Pierce sts., Uniontown, D. C.
				Jefferson st., bet. Monroe and Pierce sts., Uniontown, D. C.
				Jackson st., bet. Monroe and Pierce sts., Uniontown, D. C.
Sept. 7, 1875	886	Commissioners' extension.	Construct 3-ring 6-foot brick sewer and gravel-pit.	Stanton road
			Grade, lay footwalks, and construct culverts.	Fillmore st., bet. Good Hope road and Jefferson st., Uniontown, D. C.
			Repair streets and roads where ordered, in—	Good Hope road at B. & O. R. R.
Sept. 11, 1873	892	William Kennedy	Park and lay brick pavement.	The vicinity of Hilledale
Sept. 13, 1873	897	Samuel C. Wroe...	Grade and lay cobble-stone pavement in the—	K street, bet. Circle and Rock Creek.
Sept. 13, 1873	899	William Fletcher.	Grade, take up and reset curbs, take up and relay brick pavements, and lay cobble-stone pavement.	Alley in square 207
May 14, 1875	899	Commissioners' extension.	Grade	28th st., bet. G and K sts., n. w.
Sept. 13, 1873	899	William Fletcher.	Grade and gravel.....	28th st., bet. G street and the river, n. w.
				L st., bet. 26th and 27th sts., n. w.

* Cost of macadam, \$22,750.35; cost of gravel, \$2,275.03—Increase, \$20,475.32.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 22, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
No estimate	\$9,544 43	\$4,421 81	\$3,544 43	\$991 13		\$13,966 94 991 13		Complete.
No estimate	5,847 07		5,847 07			5,847 07		Complete.
				16,613 30		16,613 30		Complete.
No estimate		46,175 04	491 08			46,666 12		Complete.
				3,940 04	\$9,692 38	13,632 42		Complete.
No estimate			4,212 14			4,212 14		Complete.
	521 97			521 97		521 97		Complete.
\$12,000 00	15,901 80	23,869 19	10,384 48			34,253 67	\$5,807 21	Complete.
				2,023 51		2,023 51		Complete.
No estimate	1,056 44		1,056 44			1,056 44		Complete.
Complete								
	11,748 34	6,427 77	11,748 34			18,176 11		Complete.
				20,475 32		20,475 32		Complete.
No estimate	1,978 36		1,978 36			1,978 36		Complete.
	2,090 64		2,090 64			2,090 64		
	3,364 86		3,364 86			3,364 86		
	1,771 16		1,771 16			1,771 16		
	1,449 64		1,449 64			1,449 64		
		317 17		19,681 47		19,681 47		Complete.
				680 63		680 63		
8,000 00	2,597 67	10,003 25	2,597 67			12,600 92		Complete.
Complete		168 75		2,507 61		2,676 36		Canceled.
7,000 00	16,654 82	4,201 00	15,427 23			19,628 23		Complete.
				14,352 19		14,352 19		Complete.
No estimate	4,035 67		4,035 67			4,035 67		Complete.

† Not mentioned in contract.

; See foot-note No. 1.

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
June 25, 1875	899	Commissioners' extension.	Lay 12-inch-pipe sewer on both sides of—	L st., bet. 26th and 27th sta., n. w.
Sept. 13, 1873	899	William Fletcher.	Grade and gravel.	27th st., bet. K and L sta., n. w.
June 25, 1875	899	Commissioners' extension.	Lay 12-inch-pipe sewer on east side.	.....do.....
Sept. 15, 1873	901	A. C. Chenoweth.	Lay 15-inch-pipe sewer, with man-holes and traps, on east side.	3d st., bet. A st. and Md. ave., n. e.
			Lay 18-inch-pipe sewer, with man-holes and traps, on east side.	3d st., bet. Md. ave. and F st., n. e.
			Lay 12-inch-pipe sewer, with man-holes and traps, on west side.	.....do.....
			Lay 12-inch-pipe sewers, with man-holes and traps, on both sides.	B st., bet. 3d and 4th sta., n. e.
Sept. 23, 1873	906	Vandenburgh, Cranford & Filbert.	Lay vulcanite pavement.	20th st., bet. K and P sta., n. w.
Sept. 26, 1873	916	John O. Evans.	.....do.....	21st st., bet. K st. and Mass. ave., n. w.
May 20, 1875	916	Commissioners' extension.	Lay Scharf concrete pavement.	B st., bet. 1st and 2d sta., n. e.
			.....do.....	15th st., bet. R. I. ave. and I st., n. w.
			.....do.....	R st., bet. 14th and 16th sta., n. w.
			.....do.....	Corcoran st., bet. 14th and 16th sta., n. w.
			.....do.....	17th st., bet. Mass. ave. and P st., n. w.
July 5, 1875	916	.....do.....	.....do.....	S st., bet. 11th and 14th sta., n. w.
Aug. 6, 1875	916	.....do.....	Construct sewer-trap at northeast and northwest corners and outlet.	21st and N sta., n. w.
Aug. 5, 1875	916	.....do.....	Lay Scharf concrete pavement.	12th st., bet. P and Q sta., n. w.
			.....do.....	4th st., bet. M and O sta., n. w.
			Lay Scharf concrete pavement. (Canceled, and work on Pennsylvania ave., between Eighteenth and Twenty-third sta., north side, substituted in lieu thereof. (See contract 293.)	N st., bet. 5th st. and N. J. ave., n. w.
			Lay Scharf concrete pavement.	N st., bet. N. H. ave. and 21st st., n. w.
			.....do.....	O st., bet. 15th and 16th sta., n. w.
			.....do.....	De Salles st., square 162.
			Take up cobble-stone and lay Scharf concrete pavement in—	Alley, square 346.
Oct. 22, 1875	916	.....do.....	Lay Scharf concrete pavement	Sampson st., bet. 15th and 17th sta., n. w.
			.....do.....	Q st., bet. 16th and 17th sta., n. w.
Oct. 13, 1873	929	William Fletcher.	Grade. Canceled. (Cancellation admitted by Commissioners to have been erroneous.)	24th st., bet. M and N sta., n. w.
May 4, 1875	929	Commissioners extension.	Grade, reset curbs, and relay brick pavements where ordered.	24th st., bet. N st. n. w. and Rock Creek.
Nov. 11, 1875	929	.....do.....	Gravel roadway.	24th st., bet. M and N sta., n. w.
May 4, 1875	929	.....do.....	Grade, reset curbs, and relay brick pavements.	27th st., bet. G and K sta., n. w.
			Grade alley.	Square 36.

* Cost of completion of contract 806, for wood pavements on various streets. Contractor not allowed.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion February 22, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia (involving new work.)				
				\$789 11		\$789 11		Complete.
	\$4, 474 07		\$4, 474 07			4, 474 07		Complete.
				1, 801 87		1, 801 87		Complete.
\$12, 855 81								
	15, 617 88		9, 726 00			9, 726 00		Complete.
21, 131 28		\$26, 242 56				26, 242 56		Complete.
	43, 276 24	358 53	40, 659 34			41, 017 87		Complete.
No estimate	10, 163 34		10, 102 36			10, 102 36		Complete.
	112, 096 03			26, 977 28		26, 977 28		Complete.
				14, 285 13		14, 285 13		
				6, 694 20		6, 694 20		
				6, 588 47		6, 588 47		
				17, 771 22		17, 771 22		Complete.
				2, 571 95		2, 571 95		Complete.
				174 10		174 10		Complete.
				1, 740 54		1, 740 54		
				5, 384 08		5, 384 08		
				9, 225 21		9, 225 21		
				6, 677 61		6, 677 61		
No estimate				8, 392 80		8, 392 80		Complete.
				7, 176 97		7, 176 97		
No estimate	23, 995 80		16, 167 00			16, 167 00		Complete.
				4, 515 49		4, 515 49		Complete.
				4, 280 27	\$289 66	4, 569 93		Canceled.
					325 20	325 20		

to proceed.

† See foot-note No. 1

TABLE No. 1.—*Contracts and extensions of board of public works recognized*

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
June 25, 1875	929	Commissioners' extension.	Lay 12-inch-pipe sewer.....	E st., bet. 17th and 18th sts., n. w.
Aug. 9, 1875	929	do	Lay 15-inch-pipe sewer	17th st., bet. E and S sts., n. w.
Oct. 13, 1873	930	James A. Nelson ..	Set curbs, lay brick pavements, and cobble-stone gutters. Lay 12-inch-pipe sewer, with man-holes and traps, and lay cobble-stone pavement.	Riggs st., bet. 13th and 14th sts., n. w. Alley in square 239.....
Nov. 1, 1873	955	Howard & Wilson.	Repair pumps in District of Columbia for period of one year.	.....
Nov. 3, 1873	961	D. A. Connolly	Construct 12-inch-pipe sewer..	Alley, square 698.....
Dec. 1, 1873	990	Owen O'Hare	Construct 12-inch-pipe sewer with man-holes and traps.	Conn. ave., bet. L and M sts., n. w.
Dec. 4, 1873	992	L. P. Wright	Sprinkle, sweep, and clean streets for the period of one year, from January 5, 1874, in the cities of Washington and Georgetown.	.....
Dec. 31, 1874	992 ^a	Commissioners' extension.	Extended until March 5, 1875, and to be further extended until May 5, 1875, if the Commissioners of the District of Columbia so desire.	.....
Dec. 22, 1873	1012 ^b	Gallaher, Loane & Co.	Construct a semi-elliptical brick arch on stone abutments, beginning at Third street and Maryland avenue south west, and proceeding thence along a line parallel to the line of the old Washington Canal to its junction with the James Creek Canal at the south building-line of G street south.	.....
Jan. 3, 1874	1015	Albert Gleason....	Grade, lay brick pavement, park, cobble-stone roadway. Take up and relay brick and bluestone pavements.	Ohio ave., bet. 14th and 15th sts., n. w. 14th st., bet. Ohio ave. and B st., n. w.
Jan. 7, 1874	1018	Bartlett & Williams.	Grade	North Capitol st. bet. L st. and N. Y. ave., n. w.
Jan. 10, 1874	1019	Albert Gleason....	do	N. Y. ave., bet. 21st and 23d sts., n. w.
Jan. 30, 1874	1027	Jackson Pamphrey	Make and furnish 5,000 wooden tree-boxes.	.....
Jan. 30, 1874	1028	D. A. Connolly	Grade	G st., bet. 2d and 5th sts., n. e.
May 15, 1875	1028 ^c	Commissioners' extension.	Reset curbs and relay brick pavement.	do
Jan. 30, 1874	1028	D. A. Connolly	Grade	2d st., bet. M. d. ave. and D st., n. e.
May 15, 1875	1028	Commissioners' extension.	Reset curbs and relay brick pavement.	do

^a \$40,736.02 charged to current expenses. ^b See foot-note No. 1.

as being existing legal obligations on June 20, 1874, &c.—Continued.

Board estimate for completion, February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	.....	.....	.....	\$1,894 02	.....	\$1,894 02	.....	Complete.
Complete ..	.....	\$4,103 86	.....	3,179 55	.....	3,179 55	.....	Complete.
.....	\$1,337 60	.....	\$1,337 60	.....	.....	1,337 60	.....	.....
No estimate	3,401 00	7,115 00	3,401 00	.....	.....	10,516 00	.....	Complete.
Complete ..	300 04	.....	300 04	.....	.....	300 04	.....	Complete.
do ..	1,458 02	.....	1,458 02	.....	.....	1,458 02	\$97 54	Complete.
No estimate	62,523 65	21,787 63	.....	.....	.....	21,787 63	108 03	Complete.
.....	.....	.....	.....	.....	.....	.....	.....	Complete.
\$350,000 00	222,185 63	56,086 55	276,952 08	.....	\$3,900 61	336,939 24	.....	Canceled.
4,500 00	12,018 55	1,509 50	5,584 46	.....	.....	7,083 96	.....	Complete.
.....	13,372 64	.....	13,372 64	.....	.....	13,372 64	1,012 08	.....
15,000 00	123,410 95	.....	30,785 95	.....	.....	30,785 95	.....	Complete.
4,250 00	21,985 45	7,141 75	3,235 45	.....	.....	10,377 20	13 50	Complete.
No estimate	80 00	4,920 00	80 00	.....	.....	5,000 00	.....	Complete.
No estimate	7,409 40	2,265 66	.....	.....	.....	2,265 66	.....	Complete.
.....	12,725 66	2,792 37	2,690 34	.....	.....	5,472 71	.....	Complete.
.....	.....	.....	.....	10,035 32	.....	10,035 32	.....	Complete.

No material on the street between these limits.

TABLE No. 1.

RECAPITULATION.

Board estimate for completion, February 22, 1874	\$1, 101, 952 50
Estimated cost of completion of improvement, (see foot-note No. 2)	4, 225, 824 92
Work done by board of public works, as audited by board of audit	3, 624, 000 32
Work done by Commissioners, as audited by board of audit:	
On contracts and extensions of board of public works	2, 560, 853 10
On extensions of Commissioners of District of Columbia, involving new work	1, 796, 323 30
Measurement of all additional work completed up to March 22, 1875	60, 366 24
Total expenditure	8, 041, 542 96
Excess of audit over engineer's measurement	166, 272 40

FOOT-NOTE No. 1.

* Canceled in accordance with the following:

Circular-letter to all contractors.

ENGINEER'S OFFICE, DISTRICT OF COLUMBIA,
Washington, September 30, 1875.

SIR: I am directed by the Commissioners of the District to notify you that they are of the opinion that the work under your contract with the late board of public works, No. —, is unnecessarily delayed, and that they will consider it as continuing to be unnecessarily delayed unless the contract shall have been entirely performed on or before the first day of November, 1875; and that if it shall not have been entirely performed on or before that day the Commissioners will, pursuant to the fifth clause of said contract, discontinue the work thereunder, or place such and so many persons as may be deemed advisable, by contract or otherwise, to work at and complete the work described in said contract or any part thereof, and use such materials as may be found on the line of said work, or to procure other materials for the completion of the same, and to charge the expense of said labor and material to you.

(Signed)

R. L. HOXIE,
Lieutenant Engineers, U. S. A., Engineer District of Columbia.

To ———.

Circular-letter to all contractors.

ENGINEER'S OFFICE, DISTRICT OF COLUMBIA,
Washington, February 5, 1876.

SIR: You are hereby directed to suspend work under contract No. —, with the late board of public works, and the extensions thereof with the Commissioners of the District of Columbia as successors of said board. If said contract or the extensions thereof have not been completed within the time limited by its terms or is forfeitable for non-performance of any other conditions thereof, the said Commissioners hereby expressly reserve their right to hold said contract or extensions violated and forfeited.

By orders of the Commissioners of the District of Columbia, successors to the board of public works.

(Signed)

R. L. HOXIE,
Lieutenant Engineers, U. S. A., Engineer District of Columbia.

To ———.

Joint resolution of Congress approved March 14, 1876.

[Extract.]

"Provided, That any further issue of 3.65 bonds under or by virtue of said act of Congress approved June 30, 1874, is hereby prohibited; and, *Provided*, That the said Commissioners are hereby directed to discontinue all work and labor on streets, avenues, bridges, sewers, canals, and structures of every kind, the payment for which is to be made in 3.65 bonds of the District of Columbia."

Circular-letter addressed to contractors under date of March 23, 1876, citing the above-mentioned joint resolution and declaring canceled all unfinished contracts.

FOOT-NOTE No. 2.

Estimated cost of completion dating from June 30, 1874, of contracts and extensions of the board of public works, which were incomplete at that time, and which have been recognized as being then existing legal obligations, in accordance with the general plans of the board of public works, together with the work then required to complete the improvements in accordance with these plans upon the streets, and within the limits covered by these contracts.

APPENDIX No. 9 A.—TABLE OF CON

No. 2.—Table of contracts

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Feb. 18, 1874	1034	Albert Gleason...	Lay brick pavement on east side.	7th st., bet. N and Q sts., n. w.
May 20, 1875	1034	Commissioners' extension.	Lay brick pavement	7th st., bet. M and N sts., n. w. }
Aug. 27, 1875	1034	...do .....	...do	7th st., bet. O and Q sts., n. w. }
			Lay 12-inch-pipe sewer	D st., bet. 2d and 3d sts., a. e. ...
			Lay 18-inch-pipe sewer	10th st., bet. H and I sts., n. e. ...
			Lay 12-inch-pipe sewer	I st., bet. 10th and 11th sts., n. e.
			...do	C st., bet. 10th and 11th sts., a. w.
			...do	Sampson st., bet. 16th and 17th sts., n. w.
			Lay 15-inch-pipe sewer	13th st., bet. T and V sts., n. w.
			Lay 18-inch-pipe sewer	9th st., bet. G and I sts., n. e. ...
			Lay 12-inch-pipe sewer at intersection.	18th and P sts., n. w.
			Lay 18-inch-pipe sewer	21st st., bet. K and L sts., n. w.
			Lay 12-inch-pipe sewer, alley	Square 76
			...do	Square 480
			...do	Square 890
			...do	Square 835
			Lay 18-inch-pipe sewer †	C st., a. w.
				Boundary, bet. 7th and 8th sts., n. w.
			Lay 12-inch-pipe sewer, (trap) †	I st., bet. 4th and 5th sts., n. w.
			Lay 12-inch-pipe sewer †	Cor. I and N. C. sts.
			Lay 15-inch-pipe sewer †	Square 421
			Lay 12-inch-pipe sewer †	Square 509
			Construct brick sewer †	Squares 61 and 62, Georgetown
			Construct sewer-trap †	Intersection of Beall and Washington sts, Georgetown.
			Lay pipe-sewer †	U st., n. w.
			...do †	V st., n. w.
Mar. 5, 1874	1035	D. A. Connolly ...	Grade, set curbs, and lay brick pavements.	Carroll st., bet. 1st and 2d sts., a. e.
Mar. 10, 1874	1037	Dennis O'Neill et al.	Sweep, clean, and keep clean all alleys.	Cities of Washington and Georgetown.
Mar. 9, 1874	1038	W. H. Mohler	Construct 12-inch-pipe sewer with man-holes and traps on north side.	R. Lave., bet. N. J. ave. and 6th st., n. w.
Mar. 9, 1874	1039	Charles Stewart...	Grade, set curbs, park, lay brick and macadam pavements. (April 3, 1874, cancelled as relates to brick pavement on south side, parking, and macadam pavement.)	Mass. ave., bet. 20th and Boundary.
May 3, 1875	1039	Commissioners' extension, Henry Himber.	Complete the unfinished work under the foregoing contract. (Under section 5 of original contract.)	Mass. ave., bet. 20th and Boundary, n. w.
May 20, 1875	1039	Henry Himber....	Lay brick pavement and parking, and construct sewers where ordered by engineer. (This work was done to bar a claim for damages.) (Sewer is outlet for extension of contract 355, Sept. 8, 1875.)	Mass. ave., bet. 20th and Boundary, n. w.
Mar. 9, 1874	1040	S. C. Wroe	Lay brick sidewalk and cross walks, park and construct sewer-laterals and water-service.	Q st., n. w. §
Mar. 26, 1874	1040	Extension B. P. W	Lay brick pavement	N. J. ave., bet. B and H sts., n. w.
Mar. 9, 1874	1040	S. C. Wroe.....	Park around	N. J. ave., bet. B and D sts., n. w.
Mar. 26, 1874	1040	Extension B. P. W	Set curbs around	Circle at intersection of N. J. ave. and Mass. ave.
Apr. 20, 1874	1040	...do	Lay 12-inch pipe-sewer	Circle at intersection of N. J. ave. and Mass. ave.
				N. J. ave., bet. D and E sts., n. w.

* Should have been charged to contract 708.

† Extra work 6005, E. O., 1875.

TRACTS OF BOARD OF PUBLIC WORKS.

of board of public works.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....	\$869 67	\$869 67				\$869 67		Complete.
.....				\$1,331 97		1,331 97		Complete.
.....				204 62		204 62		Complete.
.....				2,439 17		2,439 17		
.....				473 71		473 71		
.....				609 54		609 54		
.....				2,067 67		2,067 67		
.....				3,212 32		3,212 32		
.....				270 16		270 16		
.....				1,613 31		1,613 31		
.....				406 91		406 91		
.....				619 16		619 16		
.....				452 12		452 12		
.....				1,330 86		1,330 86		
.....				*150 66		150 66		
.....				2,161 82		2,161 82		
.....				25 72		25 72		
.....				213 68		213 68		
.....				121 53		121 53		
.....				1,188 64		1,188 64		
.....				1,407 63		1,407 63		
.....				940 65		940 65		
.....				1,019 29		1,019 29		
.....				995 14		995 14		
.....	3,781 00		\$3,751 78			3,751 98		Complete.
.....	22,324 12	10,958 30	(?)			10,958 30		Complete.
.....	3,751 98							Complete.
.....	23,345 80	3,878 34				3,878 34		Complete.
.....			10,749 69			10,749 69		Complete.
.....				4,559 70		4,559 70		Complete.
.....				18,670 84		18,670 84		
.....								Complete.
.....								Complete.
.....								Complete.
.....	25,575 30		25,575 30			25,575 30		Complete.
.....								Complete.
.....								Complete.

; \$23,324.12 charged in current expenses.

§ Paper No. 1465, E. O., 1874.

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Mar. 9, 1874	1040	S. C. Wroe.....	Lay 12-inch-pipe sewer.....	F st., bet. N. Cap. and N. J. ave.
Mar. 14, 1874	1046	P. W. Doyle	Lay brick pavements and parking. Construct 12-inch-pipe sewer with man-holes and traps. Canceled so far as relates to laying brick pavements in front of reservation on O st., bet. 5th and 6th sts., n. w.	I st., bet. 5th and 7th sts., n. w. I st., bet. 7th and 8th sts., n. w.
May 18, 1874	1046	Extension, B. P. W	Reset curbs and lay brick pavements.	6th st., bet. I and Mass. ave., n. w.
Mar. 23, 1874	1047	Simon Carmody...	Grade, lay brick pavements, cross-walks, park and terrace.	Delaware ave., bet. B and C sts., n. e.
Sept. 17, 1875	1047*	Commissioners' extension.	Grade, relay old material, and construct sewers.	Delaware ave., bet. C and Mass. ave.
Nov. 5, 1875	1047*	.....do	Gravel carriage-way	Delaware ave., bet. C and E sts., n. e.
Sept. 17, 1875	1047*	.....do	Grade, relay old material and construct sewer.	1st st., bet. C and Mass. ave., n. e.
Nov. 8, 1875	1047*	.....do	Gravel carriage-way	1st st., bet. C and Mass. ave., n. e.
			Grade and relay old material ..	E st., bet. 1st and 2d sts., n. e.
			Construct outlet for 1st street sewer on—	D st., n. e.;
			Grade to obtain fill on 1st st. n. e.	Square 725
Mar. 29, 1874	1050§	Thomas Kirby....	Grade to obtain fill on 1st st. n. e. Grade, lay macadam pavement, and construct necessary sewers, with man-holes and traps, set curbs, gravel footwalks on north side, lay flag and pave with cobble-stone the gutters on—	Square 636
			Reset curbs and relay brick pavements on south side.	Boundary, bet. 9th and 14th sts.
Apr. 23, 1875	1050	Commissioners' extension.	Lay cobble-stone gutters and gravel roadway, lay brick pavements on south side and gravel footwalks on north side.	Boundary, bet. 6th and 9th sts.
May 6, 1875	1050||	.....do	Grade, set curbs, and lay brick pavement, sewers, and lay macadam pavement.	Boundary, bet. 16th st. and Mass. ave., n. w.
June 30, 1875	1050	.....do	Construct 12-inch-pipe sewer from southeast corner V and Thirteenth streets, northwest, across V street; thence along V street to an alley; thence through alley in—	Square 234
Aug. 10, 1875	1050*	.....do	Grade, set curbs, and gravel footwalks, lay cobble-stone gutters, construct sewer-traps, and lay macadam pavement.	Square 235
			Additional pipe-sewers on S street, and from the traps at corner of Twentieth and Boundary to connect with the brick sewer in Eighteenth street, northwest.*	Squares 302 and 303 †
Oct. 23, 1875	1050	.....do		Squares 304 and 305
				Grant ave., bet. 7th and 9th sts., n. w.

* See foot note No. 1.

† All claims under this contract, except payment of balance due, extinguished by terms of contract No. 26, new series, dated May 27, 1876.

‡ Order book E. O., vol. 5, fol. 50.

§ All claims under this contract, except for payment of balance due, extinguished by terms of contract No. 32, new series, dated June 29, 1876.

board of public works—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 14, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
			\$1,112 80			\$1,112 80		Complete.
	\$1,839 29	\$415 60	1,255 68			1,671 28		Complete.
	573 61		573 61			573 61		Complete.
	6,838 12		6,838 12			6,838 12		Complete.
	(†)			\$4,755 67	\$1,697 23	6,453 90		Canceled.
				9,548 86	2,147 58	11,696 44		Canceled.
				5,313 94	—29 39	5,284 55		
				4,581 04	277 44	4,858 48		
					669 44	669 44		
					37 61	37 61		
	159,945 89		64,244 72			64,244 72		Complete.
				19,543 82		19,543 82		Complete.
			89,276 81			89,276 81	\$2,126 40	Complete.
				1,751 11		1,751 11		Complete.
				1,328 95		1,328 95		
				2,379 04		2,379 04		
				3,245 56		3,245 56		
				343 09		343 09		Canceled.
								Complete.

† Claimed as oral contract.

* Change of location of sewer provided for in old contract.

** Outlet for Boundary-street sewer included in measurement for that work.

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
			Grade*.....	S st., n. w.
			.....do*.....	21st st., n. w.
			.....do*.....	Ontario ave.
			.....do*.....	O st.
Mar. 24, 1874	1051	Frank Gordon	Grade and lay cobble-stone pavement in alley.	Square 419.
Mar. 31, 1874	1054	David Keppel.	Construct 12-inch-pipe sewer in alley.	Square 628.
Apr. 10, 1874	1054	Extension board of public works.	Grade and lay cobble-stone pavement in alley.	.....do
Apr. 4, 1874	1056	Sylvanus Gleason.	Construct gravel-pit and sewer inlet, and complete the 6-foot brick sewer on Eighth street to connect with said inlet at Eighth and Grant avenue.	.....do
Mar. 24, 1874	1058	Sylvanus Gleason.	Reset curbs, relay brick pavements, construct 15-inch-pipe sewers, man-holes, and traps on both sides.	S st., bet. 12th and 14th sta. n. w.
Apr. 24, 1874	1058	Extension, board of public works.	Grade, set curbs, and lay brick pavements.	S st., bet. 11th and 12th sta. n. w.
July 26, 1875	1058	Commissioners' extension.	Grade, set curbs, relay brick pavements, and construct 12-inch-pipe sewer.	S st., bet. 11th st. and N. J. ave., n. w.
Oct. 16, 1875	1058	.....do	Gravel roadway, lay cobble-stone gutters, and flag footways.	S st., bet. 11th st. and N. J. ave., n. w.
			.....do	Q st., bet. 12th and 14th sta. n. w.
			.....do	R st., bet. 7th st. and N. J. ave., n. w.
			.....do	13th st., bet. P and Q sta., n. w.
			.....do	Corcoran st., bet. 13th and 14th sta., n. w.
			.....do	Vermont ave., bet. P and Q sta., n. w.
			.....do	4th st., bet. M and O sta., n. w.
			Gravel roadway, lay cobble-stone gutters and flag footways. (Assigned to John S. Baldwin.)	N st., bet. 4th and N. J. ave., n. w.
			§ Intersection of	10th and T sta., n. w.
			.....do	N. J. ave., n. w. §
			.....do	5th st., n. w. §
			.....do	Q and 12th sta., n. w. **
Apr. 15, 1874	1062	Sylvanus Gleason.	Grade, lay brick pavement, and park north side of—	R. I. ave., bet. 9th and 10th sta., n. w.
May 16, 1874	1062	Extension, board of public works.	Lay brick pavements and park south side of—	.....do
Apr. 17, 1874	1063	George Follansbee	Grade, set curbs, and lay brick pavements.	R. I. ave. and R st., n. w. ¶
			Lay Parisian pavement.	G st., bet. 4½ and 9th sta., a. w.
			Lay 12-inch-pipe sewer, man-holes and traps, and water-services on both sides.	G st., bet. 4½ and 7th sta., a. w.
			Lay 12-inch-pipe sewer with man-holes, traps, and water-services on north side.	G st., bet. 6th and 7th sta., a. w.
			Lay 12-inch-pipe sewer with man-holes, traps, and water-services on both sides.	G st., bet. 7th and 10th sta., a. w.

* This work was necessary to obtain earth for fill on Boundary street.

† Measured to S. Gleason. § Measured to J. S. Baldwin. ¶ Extra work charged to A. C. Chenoweth.

‡ Extra work.

** Extra work, 11125, E. O., 1875.

¶ Extra work, 7907 and 7947, E. O., 1875.

†† Not in contract.

board of public works—Continued.

Board estimate for completion, February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
				\$3,467 76		\$3,467 76		
				1,671 45		1,671 45		
				352 01		352 01		
				3,932 21		3,932 21		
	\$643 12		\$643 12			643 12		Complete.
	2,002 33		2,002 33			2,002 33		Complete.
	5,911 80	\$5,911 80				5,911 80		Complete.
	9,356 47	2,021 81	5,612 71			7,634 52		Complete.
				51,042 75		51,042 75		Complete.
				3,996 26		3,996 26		
				1,787 50		1,787 50		
				421 57		421 57		
				549 15		549 15		
				858 97		858 97		
				1,810 76		1,810 76		
				1,681 50		1,681 50		
				13 50		13 50		
				1,287 60		1,287 60		
				1,150 59		1,150 59		
				1,038 75		1,038 75		
	3,558 22	795 20	3,558 22			4,353 42		Complete.
		797 00				797 00		Complete.
	22,572 22	21,724 25	10,914 54			32,638 79		Complete.

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
Apr. 17, 1874	1063	George Follansbee	Lay 12-inch-pipe sewer with man-holes, traps, and water-services on north side. * Necessary outlet for G-street sewer on—	G st., bet. 10th and 11th sta., a. w. 10th st., a. w.
Apr. 20, 1874	1064	M. F. Reese	Construct 12-inch-pipe sewer with man-holes and traps. do	Alley in square 366
Apr. 21, 1874	1070	Dennis Niland	Park and lay brick leads	Alley in square 515
Apr. 25, 1874	1072	William Dayton ..	† Construct a two-ring brick barrel-sewer, 3 feet inside diameter, south side. Construct a two-ring brick barrel-sewer, 3 feet inside diameter, east side of— Construct a 12-inch-pipe sewer on north side. All with man-holes and traps.	19th st., bet. P-st. circle and Boundary st., n. w. D st., from east side of 8th to 7th st., a. e. 7th st., bet. D and I sta., a. e. 7th st., bet. D and G sta., a. e.
Apr. 29, 1874	1074	Albert Gleason ...	Grade, reset curbs, and relay brick pavements.	Q st., bet. 7th and 8th sta., n. w.
Sept. 29, 1875	1074	Commissioners' extension.	Grade, set curbs, lay brick pavements, and construct necessary sewers.	Q st., bet. 12th and 14th sta., n. w.
Aug. 27, 1875	1074	...do	Grade, set curbs, lay brick pavements, and construct 12-inch-pipe sewers.	12th st., bet. P-st. circle and Q st., n. w.
Sept. 29, 1875	1074	...do	Grade, set curbs, lay brick pavements, and construct sewers. Grade, set curbs, lay brick footwalks, and construct sewers	Vt. ave., bet. P-st. circle and Q st., n. w. 13th st., bet. P-st. circle and Q st., n. w.
May 22, 1874	1084	Charles Schroth ...	Set curbs and lay cobble-stone pavement.	D st., bet. 6th and 7th sta., a. e.
June 12, 1874	1084	Extension, board of public works.	Construct 12-inch pipe-sewer on north side.	...do
May 23, 1874	1086	John H. Clarke ...	Grade, lay cobble-stone pavement, and construct 12-inch-pipe sewer with man-holes, traps, and drops in— do	Alley in square 312
May 23, 1874	1087	Charles Stewart ...	Complete the grading, cobble-stone-paving, and laying of 12-inch-pipe sewer, with man-holes, traps, and drops, under article 5 of the above-mentioned contract, in—	Alley in square 337
Feb. 8, 1875	1087	Commissioners' extension, Charles B. Fisher.	Construct 12-inch-pipe sewer, with man-holes and traps in—	Alleys in squares 368 and 379 Alley in square 379
May 29, 1874	1088	Charles Stewart ...	Construct 12-inch-pipe sewer, with man-holes and traps in—	Alley in square 728
June 6, 1874	1091	R. E. Boston	Construct 12-inch pipe sewer, with man-holes and drops in 30 foot.	Alley in square 248
June 9, 1874	1094	Albert Gleason ...	Grade, set curbs, lay brick pavements, park, construct 12-inch-pipe sewer, with man-holes and traps.	15th st., bet. R. I. ave. and Boundary, n. w.
Aug. 27, 1875	1094	Commissioners' extension.	Take up and relay 15-inch-pipe sewer.	15th st., bet. S and T sta., n. w.
May 20, 1875	1094	Commissioners' extension.	Grade, set curbs, lay brick pavements, and construct sewers.	Corcoran st., bet. 14th and 16th sta., n. w.

* Paper 4448 and 5016, E. O., 1874.

† \$1,137.55 additional was expended in the repair of the work and deducted from measurement.

Board of public works.—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
				\$1,086 95		\$1,086 95		
	\$910 54	\$390 52				890 52		Complete.
	924 20		\$859 11			859 11		
	5,244 00		4,694 31			4,694 31		Complete.
	14,905 83		14,905 83			14,905 83		Complete.
	1,614 05		1,614 05			1,614 05		Complete.
				10,407 90		10,407 90		Complete.
				2,923 74		2,923 74		Complete.
				2,188 00		2,188 00		Complete.
				2,454 13		2,454 13		
	3,051 65	1,985 54	1,066 11			3,051 65		Complete.
	1,631 28		1,631 28			1,631 28		Complete.
	1,116 54		1,116 54			1,116 54		Complete.
	2,532 00		2,017 21			2,017 21		Complete.
	780 22		780 12			790 22		Complete.
	1,238 57		1,238 57			1,238 57		Complete.
	58,993 68		36,453 13			36,453 13		Complete.
								Complete.
				15,885 12		15,885 12		Complete.

; No work done

Date.	Number of contract.	Name of contractor.	Description of work.	Location.
May 20, 1875	1094	Commissioners' extension.	Grade, set curbs, lay brick pavements, and construct sewers. Grade, set curbs, lay brick pavements, and construct sewers. Grade, set curbs, lay brick pavements, and construct sewers. Grade, set curbs, lay brick pavements, and construct sewers.	R st., bet. 14th and 16th sts., n. w. Sampson st., bet. 15th and 16th sts., n. w. 17th st., bet. Mass. ave. and R st., n. w. Q st., bet. Mass. ave. and 16th st., n. w.
Aug. 27, 1875	1094	Commissioners' extension.	Construct 12-inch-pipe sewer.. * Set curbs and lay brick pavements.	P st., bet. 14th st. and Kingman's court, n. w. 17th st., bet. P and Q sts., n. w.
June 16, 1874	1097	Allan Chappelle...	Construct a 24-inch-pipe sewer, with man-holes and traps on east side of—	7th st., bet. G and I sts., n. e...
June 19, 1874	1098	A. C. Chenowith...	Construct a two-ring brick barrel-sewer, 3 feet inside diameter. Construct a two-ring brick barrel-sewer, 2 feet inside diameter.	10th st., bet. E and T sts., n. w. T st., bet. 10th and 13th sts., n. w.
Sept. 28, 1875	1098	Commissioners' extension. (Patrick Brennan.)	Repair sewer, (under ninth section of aforesaid contract.)	T st., bet. 10th and 13th sts., n. w.
June 20, 1874	1099	J. V. W. Vandenburg.	Sewer in Take up iron railing and coping around Capitol grounds, and remove and erect the same on—	Square 237..... B st., bet. 6th and 17th sts., n. w.

board of public works—Continued.

Board estimate for completion February 28, 1874.	Estimated cost of completion of improvement, (see foot-note No. 2.)	Work done by board of public works, as audited by board of audit.	Work done by Com- missioners, as audited by board of audit.		Measurement of all additional work completed up to March 22, 1876.	Total expenditure.	Excess of audit over engineer's measurement.	Condition of contract-work on March 16, 1876.
			On contracts and ex- tensions of board of public works.	On extensions of Com- missioners of the District of Colum- bia, (involving new work.)				
.....		.....		\$207 69	.....	\$207 69	.....
.....		.....		12,398 64	.....	12,398 64	.....
.....		.....		8,207 58	.....	8,207 58	.....
.....		.....		5,185 13	.....	5,185 13	.....
.....		.....		590 21	.....	590 21	.....	Complete.
.....	\$3,139 40	.....	\$3,139 40	2,135 42	.....	5,274 82	.....	Complete.
.....	17,370 87	\$1,831 92	15,538 95	.....	.....	17,370 87	.....	Complete.
.....				.....	.....		.....	Complete.
.....	4,959 90	22,862 03	4,959 90	.....	.....	27,821 93	.....	Complete.

* Included in above item of \$8,207.58.

† Extra work, 5391, Engineer's Office, 1874.

‡ Included in above item of \$15,538.95, being deducted from the amount due the contractor.

RECAPITULATION.

Estimated cost of completion of improvement.....	\$418,293 27
Work done by board of public works, as audited by board of audit.....	74,941 93
Work done by the Commissioners, as audited by board of audit:	
On contracts and extensions of board of public works.....	316,124 24
On extensions of the Commissioners, involving new work.....	238,010 74
Measurement of all additional work completed up to March 22, 1875.....	4,799 91
Total expenditures.....	633,876 87
Excess of audit over engineer's measurement.....	2,126 40

Foot-note No. 1 to Table No. 2.

* Canceled in accordance with the following—

CIRCULAR-LETTER TO ALL CONTRACTORS.

ENGINEER'S OFFICE, DISTRICT OF COLUMBIA,
Washington, September 30, 1875.

SIR: I am directed by the commissioners of the District to notify you that they are of the opinion that the work under your contract with the late board of public works, No. —, is unnecessarily delayed, and that they will consider it as continuing to be unnecessarily delayed unless the contract shall have been entirely performed on or before the first day of November, 1875, and that, if it shall not have been entirely performed on or before that day, the Commissioners will, pursuant to the fifth clause of said contract, discontinue the work thereunder, or place such and so many persons as may be deemed advisable, by contract or otherwise, to work at and complete the work described in said contract or any part thereof, and use such materials as may be found on the line of said work, or to procure other materials for the completion of the same, and to charge the expense of said labor and material to you.

R. L. HOXIE,

Lieutenant Engineers, U. S. A., Engineer District of Columbia.

To ———.

CIRCULAR-LETTER TO ALL CONTRACTORS.

ENGINEER'S OFFICE, DISTRICT OF COLUMBIA,
Washington, February 5, 1876.

SIR: You are hereby directed to suspend work under contract No. —, with the late board of public works, and the extension thereof with the Commissioners of the District of Columbia, as successors of said board. If said contract, or the extensions thereof, have not been completed within the time limited by its terms, or is forfeitable for non-performance of any other condition thereof, the said Commissioners hereby expressly reserve their right to hold said contract or extensions violated and forfeited.

By order of the Commissioners of the District of Columbia, successors to the board of public works.

R. L. HOXIE,

Lieutenant Engineers, U. S. A., Engineer District of Columbia.

To ———.

EXTRACT FROM JOINT RESOLUTION APPROVED MARCH 14, 1876.

"Provided, That any further issue of 3.65 bonds under or by virtue of said act of Congress approved June 20, 1874, is hereby prohibited; and provided, that the said Commissioners are hereby directed to discontinue all work and labor on streets, avenues, bridges, sewers, canals, and structures of every kind, the payment for which is to be made in 3.65 bonds of the District of Columbia."

Circular-letter addressed to contractors under date of March 22, 1876, citing the above-mentioned joint resolution and declaring canceled all unfinished contracts.

Foot-note No. 2 to Table No. 2.

† Estimated cost of completion dating from June 20, 1874, of contracts and extensions of the board of public works which were incomplete at that time, and which have been recognized as being then existing legal obligations, in accordance with the general plans of the board of public works, together with the work then required to complete the improvements in accordance with these plans upon the streets and within the limits covered by these contracts.

APPENDIX No. 9 B.—TABLE OF CONTRACTS OF BOARD OF PUBLIC WORKS.

TABLE No. 3.—*Contracts and extensions of board of public works on which measurements have been made under the direction of the engineer of the District of Columbia at the request of the board of audit, the work having been completed under the board of public works.*

Date.	Number of contract.	Name of contractor.	Description of work.	Name of street.	Measured by board of pub. works.	Increment allowed by the board of audit.	Total
Sept. 18, 1871	4	F. H. Finley	Lay brick footwalks and set curbs.	11th st., bet. F and E sts., n. w.	\$45,801 35	\$86 52	\$45,887 87
May 11, 1872	4	(Extended)	Grade, gravel, set curbs, and lay brick footwalks and gutters on—	11th st., bet. F and N sts., n. w.	5,777 52	—125 89	5,651 63
Nov. 21, 1871	142	D. McNamara	Lay Belgian pavement and park on K st., from Pa. and N. H. avenues to Rock Creek.	Myrtle st.	62,199 87	416 98	62,616 85
May 1, 1872	374	R. A. Shinn	Set curbs, lay footwalks, and pave gutter on west side. Build a brick barrel-sewer, beginning at 3d and P sts., n. w., thence along 3d st. w. to Q st. n.; thence Q st. n. to N. J. ave.; thence along N. J. ave. to R st. from 3d and P sts. n. to 8th st. w. (The section from Q st. to N. J. ave. and Q st. to be 3 rings, 9 ft. inside diameter; the section of said sewer from Q st. to 8th st. to be 3 rings, 8 ft. and 6 in. diameter.)	K st., bet. Pa. ave. and N. H. ave., to Rock Creek.	754 61	4,601 47	5,356 08
June 24, 1872	349	D. A. Connolly		1st st., bet. B and C sts., n. e.	99,737 50	117 00	99,914 50
July 16, 1872	407	William H. Adams					
					214,330 85	5,096 08	219,426 93
July 26, 1872	418	Addison & Garrity	Grade, set curbs, lay brick footwalks, and construct a 12-inch-pipe sewer with man-holes, traps, laterals, and water-services, on—	(1st st., bet. High and Fayette sts., Gtn.	25,046 92	1,573 54	26,620 46
			Amended to embrace grading and laying a 12-inch-pipe sewer, with necessary man-holes, traps, and laterals, on the east side of—	2d st., bet. High and Fayette sts., Gtn.	12,997 61		12,997 61
			Construct, with man-holes, traps, and laterals, the following sewers:	3d st., bet. High and Fayette sts., Gtn.	2,506 16		2,506 16
			18-inch-pipe sewer on west side.	Market st., Georgetown			
			12-inch-pipe sewer on west side.	B st., bet. 5th and 6th sts., s. e.	1,568 83		1,568 83
			15-inch-pipe sewer on west side.	6th st., bet. B and C sts., s. e.			
			12-inch-pipe sewer on east side.	6th st., bet. E Capitol and B sts., s. e.	3,027 48	81 85	3,109 33
			15-inch-pipe sewer on east side.	5th st., bet. E Capitol and B sts., s. e.			
			12-inch-pipe sewer on west side.	5th st., bet. B and C sts., s. e.	6,067 13	—390 86	6,276 97
			24-inch-pipe sewer on east side.	5th st., n. e.	61 14		61 14
Aug. 12, 1872	463	Richard Rothwell	(Not in written contract)				

May 20, 1873		Lay footwalks, grade, and set curbs Canceled as far as relates to Amended to include cutting down sidewalks on east side of	1st st., bet. B st. n. and H st. s. 1st st., bet. H and E Capitol sta 1st st., bet. A and B side, s	42,092 65	
May 21, 1873	602 J. V. W. Vandenberg.	d Grade, set curbs, lay footwalks, sewer on Also grade K st., between 7th and 8th sts., and Man- achussett avenue eastwardly from 7th st., to con- form to grade. Lay 12-inch pipe sewer on north side And take up and relay blue-slate pavement Amended to include grading, setting curbs, and lay- ing water-services. And grading, setting curbs, laying footwalks, sewer- laterals, and water-services. And laying footwalks	7th st., bet. I st. and N. Y. av. n. w. K st., bet. 7th and 8th sts., n. w.	42,092 65	
Oct. 21, 1873	Extended do		I st., bet. 7th and 8th sts., n. w. I st., bet. 6th and 7th sts., n. w. 7th st., bet. D and E side, n. w.	13,606 28	
May 29, 1873	700 Andrew Gleason	Grade, set curbs, lay brick footwalks, and blue-rock pavement. Also to take up and remove blue-rock pavement from f And use the same for H st. n. e.	7th st., bet. G and M sts., n. w. 7th st., bet. G and N. Y. av. n. w. H st., bet. 1st and Boundary sts., n. e. F st., bet. 7th and 9th sts., n. w. Square 836	49,899 47	
Mar. 21, 1873	703 Albert Gleason	Grade, set curbs, and lay brick footwalks and park.		322,469 21	54,648 56
June 4, 1873	705 do	Grade do do	R. I. ave., bet. 14th and 16th sts., n. w. C st., bet. 13th and 15th sts., s. w. 10th st., bet. F and Water sts., s. w. I st., bet. 7th and 9th sts., n. w. Square 212 do	\$7,253 00 1,325 52 1,623 00 3,439 22 19,600 00 2,022 29	\$1,505 01 645 68 1,623 00 9,023 28 8,468 60 1,181 70
June 25, 1873	720 D. McNamara	Set curbs and lay footwalks	1st st., bet. I and K sts.	1,377 46	
Sept. 6, 1873	730 do	Canceled so far as relates to setting curbs, and lay footwalks on south side. To embrace setting curb and laying footwalks on west side.	10th st., bet. R. I. ave. and R st., n. w.	639 38	
Sept. 8, 1873	730 Extended	Lay 12-inch-pipe sewer, with man-holes, traps, and laterals, g	Square 364	1,312 99	
July 7, 1873	738 H. L. Gallagher (Gal- lagher & Co.)	And a 12-inch-pipe sewer in alley			
<p>a Excess of audit over engineer's measurement, \$962.58. b Excess of audit over engineer's measurement, \$1,554.81. c The work of filling Washington Canal was placed by the board of audit to the account of miscellaneous work and not to contract 668. The entries in the book of the board of audit are as follows, viz: December 31, 1871, paper 50 April 29, 1872, paper 1323 May 21, 1873, paper 1797 June 12, 1873, paper 1835 and 1836 July 17, 1873, paper 2128 September 3, 1873, paper 2769</p>					
<p>Total d Included in item of \$49,899.47 below. e Excess of audit over engineer's measurement, \$7,586.47. f Order of November 21, 1873. Not mentioned in written contract g This sewer was laid through square 336, (alley,) instead of on the street. h Excess of audit over engineer's measurement, 26 cents.</p>					
				68,924 00	

TABLE No. 3.—*Contracts and extensions of board of public works, &c.*—Continued.

Date.	Number of contract.	Name of contractor.	Description of work.	Name of street.	Expenditure.		
					Measured by the board of pub. works.	Increment allowed by the board of audit.	Total.
July 12, 1873	745	Edward Gaskins	Set curbs and lay the Newchapel rock pavement on the sidewalks and carriage-ways.	H st., bet. Vt. ave. and 15th st., n. w.	\$2,770 29	\$216 50	\$2,986 79
Aug. 23, 1873	745		Amended so as to include water-services and paving alley opening to building-line and joint curb along line covered by contract.	14th st., bet. N. Y. ave. and H st., n. w.	5,469 93	.....	5,469 93
Aug. 4, 1873	745		Amended so as to include laying water-services, re-paving street-walkers, and resetting stop-cocks.	I st., bet. 13th and 15th sts., n. w.	.....	.....	.....
July 19, 1873	773	Page & Fletcher	Grade, set curbs, and lay footwalks	do	36,385 40	63 00	36,454 49
Oct. 24, 1877	773		do	do	.....	.....	.....
July 28, 1873	798	J. P. Cranford	Lay Flanagan wood pavement	P st., bet. 14th and 16th sts., n. w.	115,056 90	41,361 74	156,418 64
Aug. 5, 1873	806	J. E. Greggs & Co.	Set curbs, lay footwalks, and water-services	P st., bet. 11th and N. J. ave., n. w.	.....	.....	.....
			Also a 15-inch-pipe sewer on both sides	P st., bet. 18th and N. J. ave., n. w.	.....	.....	.....
			And lay Abbott concrete pavement	Q st., bet. 14th and 17th sts., n. w.	82,303 48	215,812 34	339,115 82
			Grade and lay Miller wood pavement	Q st., bet. 14th and 16th sts., n. w.	.....	.....	.....
			do	15th st., bet. R. I. ave. and Boundary st., n. w.	.....	.....	.....
			Amended to include the laying of footwalks, resetting of curbs, and lay new footwalks and setting new curb where needed.	7th st., bet. M st. and Boundary street, n. w.	63,847 40	12,073 81	75,921 21
			Lay 12-inch-pipe sewer on west side.	do	.....	.....	.....
Apr. 1, 1873	809	J. E. Gragg	Construct 3-ring brick barrel-sewer, 10 feet inside diameter, from east side of 15th st., n. e., opposite (3 st., n. e., along natural water-course, through Isherwood Farm to the Eastern Branch, a	7th st., bet. N and O sts., n. w.	292,133 36	91,670 65	383,804 01
Aug. 12, 1873	837	J. G. Stafford	Grade, set curbs, lay brick footwalks, and blue-rock pavement.	.....	43,900 93	24,669 08	67,570 01
Sept. 15, 1873	837		Amended to lay 15-inch-pipe sewer with man-holes and traps, on south side.	F st., bet. 4th and 7th sts., s. w.	.....	.....	.....
			To construct an alley-drop at the "T," near 4th st., and to be connected with 4th st.	F st., bet. 4th and 6th sts., s. w.	.....	.....	.....
				.....	8,342 88	5,734 47	14,077 39

Sept. 18, 1873	837	Richard Morgan	Amended to lay 12-inch-pipe sewer on south side	F st., bet. 3d and 4th sts., s. w.	1,634 34	8,903 28	9,927 66
Sept. 22, 1873	837		Amended to lay 15-inch-pipe sewer and canal so much as relates to paving carriage-way of said street, (work embraced in contract No. 908.)	F st., bet. 6th and 7th sts., s. w.	1,874 18		1,574 18
Aug. 16, 1873	838		Road curbs and relay brick footwalks	5th st., bet. Pa. and M.d. aves., n. e.			
			Lay brick footwalks 10 feet wide, terrace and park, and lay 12-inch-pipe sewer, with necessary man-holes and traps.	C st., bet. 2d and 3d sts., n. e.			
May 17, 1874	838	Extended	Lay 18-inch-pipe sewer.	B st., bet. 5th and 6th sts., s. e.	675 17		675 17
Sept. 1, 1873	884	William Buckley	Construct an 18-inch-pipe sewer, with man-holes and traps.	School st., bet. 4th and 6th sts., s. w.	1,819 37		1,819 37
			An 18-inch-pipe sewer on west side, with man-holes and traps.	4th st., bet. E and School sts., s. w.	764 16		764 16
			A 12-inch-pipe sewer, with man-holes and traps, on north side.	D st., bet. 6th and 7th sts., s. w.			
			A 12-inch-pipe sewer, with man-holes and traps, on south side.	.....do.....			
			Take up 12-inch-pipe sewer and reconstruct said sewer on 6th st., bet. D and School st., s. w., with grade falling to School st.	6th st., bet. D and School sts., s. w.	903 18	1,925 49	2,128 67
Sept. 15, 1873	884		Amended to include 12-inch-pipe sewer on north side.	D st., bet. 6th and 7th sts., s. w.			
Sept. 13, 1873	898	James Nelson	12-inch-pipe sewer on south side	D st., bet. 6th and alley, in square 485		633 92	633 92
			Grade and pave alley with cobble-stone	Square 477			
					59,914 05	39,555 58	99,469 63
Sept. 19, 1873	904	M. J. Laughlin	Grade south half.	Pa. ave., bet. 1st and 2d sts., s. e.			
Sept. 23, 1873	904	do	Amended to embrace grading north half.	Pa. ave., bet. 1st and 2d sts., s. e.	6,905 64	4,790 80	11,696 44
Sept. 23, 1873	907	Joseph Williams	Lay 12-inch-pipe sewer, with two drops, in alley.	Square 465		918 20	918 20
Oct. 3, 1873	915	Z. Jones	Lay Taylor and Filbert wood pavement.	6th st., bet. Pa. and S. C. aves., s. e.		612 72	612 72
			do	F st., bet. 1st and 2d sts., n. w.	6,574 40		6,574 40
			do	D st., bet. 6th and 7th sts., n. w.			
			do	1st st., bet. B and C sts., n. e.			
			do	1st st., bet. B and C sts., s. e.	16,096 55		16,096 55
Oct. 25, 1873			Amended to lay Taylor and Filbert wood pavement. Cancels so much of contract No. 761 as relates to the work.	C st., bet. 1st and N. J. ave., n. w.			
Oct. 8, 1873	925d	P. McNamara	To complete work. (Cancels contract 775).	Good Hope Hill	15,995 28	7,338 81	23,384 09
Oct. 13, 1873	936	M. J. Laughlin	Set curbs and lay footwalks	1st st., bet. B and C sts., s. e.		3,784 42	3,784 42
Nov. 1, 1873	958	George F. Eldor	Lay 12-inch-pipe sewer, with man-holes and traps, in alley.	Square 630		432 84	432 84
Dec. 9, 1873	996	John F. Murray	Terrace and park	3d st., bet. E. Cap. and M.d. ave.		301 77	301 77
Dec. 11, 1873	999e	Charles Stewart	Lay cobble-stone pavement.	Dunbarton st., bet. Congress and High sts., Georgetown.	3,013 41		3,013 41
Dec. 15, 1873	1003	P. W. Doyle	Lay a 12-inch-pipe sewer, with man-holes, traps, and laterals, in alley.	Square 365	739 76	1,095 92	1,835 68
Jan. 15, 1874	1020	S. C. Wroe	Drain square 157 by laying a 24-inch sewer to connect near the intersection of Massachusetts avenue and Seventeenth street, northwest, with main Slash Run sewer.	Square 157		735 55	735 55

^a Audited by board of audit to J. V. Vandenberg & Co.
^b Excess of audit over engineer's measurement, \$5,599.19.
^c Boundary-street sewer.
^d Excess of audit over engineer's measurement, \$755.25.
^e Excess of audit over engineer's measurement, \$3.13.

TABLE No. 3.—*Contracts and extensions of board of public works, &c.—Continued.*

Date.	Number of contract.	Name of contractor.	Description of work.	Name of street.	Expenditure.		
					Measured by board of pub- lic works.	Increment al- lowed by the board of audit.	Total.
Jan. 22, 1874	1023	J. S. Martin.....	Lay 12-inch-pipe sewer on west side.....	11th st., bet. N. C. ave. and C st., s. e.	\$3, 156 98	\$1, 087 16	\$4, 244 14
Jan. 20, 1874	1024	Joseph T. Ferry.....	Lay 12-inch-pipe sewer on east side of.....	15th st., bet. N st. and R. I. ave., n. w.	490 59	490 59	490 59
Jan. 30, 1874	1026	David Keppell.....	Grade and gravel west half of square.....	3d st., bet. High and Market sta.....	538 65	145 25	683 90
Feb. 21, 1874	1029	S. C. Wroe.....	Construct trap northwest corner.....	3d and High sts., Georgetown.....	638 57	2, 933 18	3, 571 75
Mar. 7, 1874	1036	R. W. Waters.....	Furnish and set red sandstone steps and side blocks on square.....	6th st., bet. D and E sts., n. w.	3, 206 00	2, 991 33	6, 197 33
Mar. 30, 1874	1036	Extended.....	Lay footwalks.....	5th st., bet. G and L sta., n. w.	3, 668 00	5, 548 58	5, 548 58
Mar. 13, 1874	1042	J. A. De Wandelaar.....	Lay Phillips round-top pavement.....	3d st., bet. G and D sts., s. e.	2, 996 00	3, 668 00	3, 668 00
May 18, 1874	1042	Extended.....	Lay Phillips round-block pavement in front of reser- vation on—.....	2d st., bet. D and E sta., s. e.	2, 996 00	3, 668 00	3, 668 00
			Also, along.....	D st., bet. 2d and 3d sts., s. e.	60, 515 83	36, 220 53	96, 736 36
Mar. 20, 1874	1045	Thomas A. Tolson.....	Lay 12-inch-pipe sewer, with man-holes and traps, west side of—.....	7th st., bet. G and I sta., s. e.	1, 139 84	1, 139 84	1, 139 84
Mar. 27, 1874	1053	George Boswell.....	Lay footwalks, crosswalks, and parks, south side of.....	Md. ave., bet. 1st and 3d sta., s. w.	4, 364 24	4, 364 24	4, 364 24
Apr. 10, 1874	1060	Henry C. Bolden.....	Grade and lay cobble-stone pavement in west alley.....	Square 510.....	565 26	565 26	565 26
Apr. 20, 1874	1065	W. A. Wroe.....	Lay 12-inch-pipe sewer, with man-holes and traps, in alley—.....	Square 515.....	376 85	376 85	376 85
Apr. 21, 1874	1067	Hamilton & Whit- more.....	Lay 12-inch-pipe sewer on both sides.....	13th st., bet. B and C sta., s. w.	4, 289 53	4, 289 53	4, 289 53
			Lay 15-inch-pipe sewer on both sides.....	13th st., bet. C and Md. ave., s. w.	2, 915 06	2, 915 06	2, 915 06
			Lay 20-inch-pipe sewer on north side.....	Md. ave., bet. 13d and 14th sta., s. w.	4, 332 13	4, 332 13	4, 332 13
			(All with man-holes and traps.)	2d st., bet. Pa. ave. and D st., s. e.	2, 112 03	2, 112 03	2, 112 03
Apr. 21, 1874	1068	Joseph Smolinaki.....	Grade, footwalks, and parking.....	T st., bet. 14th and 15th sta., n. w.	718 20	718 20	718 20
Apr. 22, 1874	1069	John H. Clark.....	Lay footwalks and park, south side of.....	Square 467.....	405 35	405 35	405 35
May 12, 1874	1078	John G. Stafford.....	Re-lay cobble-stone pavement in alley.....	Square 495.....	300 00	300 00	300 00
May 12, 1874	1079	Charles Stewart.....	Grade and lay cobble-stone pavement, alley.....	Square 474.....	402 00	402 00	402 00
May 16, 1874	1080	W. H. Collins.....	Grade and lay cobble-stone in 10 and 15 foot alleys.....	Square 444.....	340 20	340 20	340 20
May 22, 1874	1082	F. M. Draney.....	Clean and pave 160-foot alley.....	Square 397 and 398.....	25-9 80	25-9 80	25-9 80
May 23, 1874	1085	George H. Boston.....	Grade, lay cobble-stone pavement, and repair alleys in.....	Square 386.....	25-9 80	25-9 80	25-9 80
				Square 385.....	25-9 80	25-9 80	25-9 80

May 29, 1874	1029	William Byrne	Grade and pave with cobblestone alley	Square 311	177 60	177 60
June 2, 1874	1030	Barker & Maxwell	Park trim facing with marble, 7th street front	Square 559	1,741 98	1,741 98
June 8, 1874	1032	Jacob Vondelerlebr.	Lay flag footway inside of fence and remove debris	Patent Office	2,973 24	2,973 24
			Lay brick footwalk in front of reservation	do		
			Set curbs and lay footwalks	1 st, bet. 5th and 6th sts., n. w.		
				6th st., bet. I and Mass. ave b.	935 77	935 77
					29,157 32	29,157 58

a Excess of audit over engineer's measurement, \$105.30.

b Reservation Mass. ave., between 5th and 6th.

RECAPITULATION OF TABLE NO. 3.

Measured by board of public works	\$1,151,688 36
Increment allowed by board of audit	279,335 38
Total	1,430,923 74
Excess of audit over engineer's measurements	36,187 67

Measurement made by the engineer of the District of Columbia of work done under the board of public works by Samuel Barber, for resurfacing concrete pavement \$11,385.25 was charged by the board of audit against the balance remaining to the credit of Charles E. Evans, president Evans Concrete Company.

Voucher No. 41, measurement of work done under permit to C. F. E. Richardson, was originally issued for \$129.97, which amount was subsequently increased, as per schedule forwarded to board of audit, to \$764.82. The board of audit allowed both amounts in full, less \$167.76 for inferior work, being an excess over engineer's measurement of \$459.97.

Voucher 301.—\$10,492.04 reported to board of audit as over-measurement of contract 796 of board of public works. No action taken by board of audit.

Sundry additional credits allowed by board of audit, based upon other evidence than measurements of engineer, \$8,682.67.

Total allowances of board of audit in excess of engineer's measurements of contracts contained in this table, \$36,187.67.

APPENDIX No. 9 C.—TABLE OF CONTRACTS OF BOARD OF PUBLIC WORKS.
Expenditures for repair of contract-work under section 9 of the original contract.

Date.	Number of contract.	Names of contractors and sureties.	Description of work.	Name of street.	Contract-price, per square yard for pavement, as fixed by board of public works.	Amount expended by board of public works in original contract.	Names of contractors for repairs.	Cost of repairs by Commissioners.	
								Resurfacing or repaving.	20 per cent. work.
Sept. 12, 1871	39	C. E. Evans, president's Evans Concrete Co. Sureties: Chas. E. Evans and Martin W. Evans.	Lay Evans concrete pavement	15th st., bet. Pa. ave. and H st., n. w.	\$3 20				
Nov. 23, 1871	39	Extension	Grade and lay Evans concrete pavement.	15th st., bet. H st. n. w. and Vt. ave., at intersection of K st., westwardly to the building-line of Vt. ave. Through Scott Square and on west side of Scott Square.	3 20	\$6,221 40			
Aug. 13, 1875	39	Commissioners' extension.	Lay Evans concrete pavement	do	3 20		Cranford & Hoffman.	\$1,801 28	\$307 12
Nov. 23, 1871	39	Extension board of public works.	Resurface concrete pavement	On the space between the building-line of Vt. ave. and east building-line of 15th st. n. w. and Madison Place to the north side of H st. n. w.	3 20				
Nov. 23, 1871	39	do	do	F st. n. w., bet. 18th and 21st sts.	3 20				
July 26, 1873	39	do	Take up and relay sidewalks.	F st. n. w., bet. 21st and 22d sts.		56,880 72			
Oct. 3, 1873	39	do	Lay Evans concrete pavement	do	3 20				
Aug. 13, 1875	39	Commissioners' extension.	Resurface concrete pavement	F st. n. w., bet. 18th and 22d sts.			Cranford & Hoffman	11,385 06	528 60
Nov. 23, 1871	39	Extension board of public works.	Lay Evans concrete pavement	G st. n. w., bet. 17th and 18th sts.	3 20				
Oct. 3, 1873	39	do	do	G st. n. w., bet. 18th and 22d sts.	3 20	78,977 83			

Aug. 13, 1875	39	Commissioners' extension.	Resurface concrete pavement.....	G st. n. w., bet. 17th and 22d sts.	3 30	.....	Cranford & Hoffman.	13, 583 33	760 75
Sept. 18, 1871	42	Louis S. Filbert. Surety: Lewis Clephane.	Lay Filbert vulcanite pavement.....	N. Y. ave., bet. 14th and 15th sts.	3 30	.....	.....	.....	.....
Nov. 23, 1871	43	Extension board of public works.	.....do.....	N. Y. ave., bet. 14th and 9th sts.	3 30	.....	.....	.....	.....
Apr. 23, 1873	42	.....do.....	Modified to embrace the laying of the Scharf concrete pavement instead of the vulcanite pavement.	N. Y. ave., bet. 9th and 15th sts., except the north half and 15th st.	3 30	.....	.....	.....	.....
			Grade and set park curbing.....	N. Y. ave., bet. 9th and 15th sts.	109, 078 92	.....	.....	.....	.....
			Set curb.....	N. Y. ave., bet. 9th and 13th sts.	.....	.....	.....	.....	.....
			Lay vulcanite pavement on footways.....	N. Y. ave., bet. 13th and 15th sts., n. w., north side.	1 35	.....	.....	.....	.....
			Lay brick footwalks.....	N. Y. ave., bet. 9th and 15th sts.	.....	.....	.....	.....	.....
			Park.....	N. Y. ave., bet. 9th and 14th sts.	.....	.....	.....	.....	.....
Oct. 30, 1875	42	Commission extension.	Resurface and rep. ir concrete carriage- way and sidewalk.	N. Y. ave., bet. 9th and 15th sts.	.....	.....	William C. Murlock	4, 529 74	.....
Apr. 23, 1872	42	Extension board of public works.	Redress and set curbs, lay brick pave- ment and Scharf concrete pavement.	H. st., n. w., bet., 13th and 14th sts.	3 30	.....	.....	.....	.....
Sept. 18, 1871	44	H. H. Bing ham. Sureties: James McMannus and Al- bert H. Roberts.	Lay Scharf concrete pavement.....	Alley, square 250	3 30	.....	.....	.....	.....
June 27, 1872	44	Relinquished.....	Grade, set curbs, lay footwalks, con- struct 12-inch sewer, with man-holes, traps, and laterals water service.	K. st., n. w., bet. 9th st. and circle, n. w.	3 30	.....	.....	.....	.....
Sept. 18, 1875	44	Relinquished.....	.....do.....	.....do.....	150, 052 36	.....	.....	.....	.....
Oct. 14, 1875	44	Commission extension.	All work except paving carriage-way Lay Scharf concrete pavement.....	K. st., n. w., at intersection of Vt. av.	.....	.....	William C. Murlock	3, 845 25	652 94
			Take up wood pavement and replace same with vulcanite concrete pave- ment.	K st., n. w., bet. 9th and 18th sts.	.....	.....	.....	.....	.....
Sept. 25, 1871	150	Thos. Lewis. Sure- ties: Derrick F. Hamlin, Thomas A. Brown.	Repair wood pavement with sound blocks removed as aforesaid.	K st., n. w., bet. 18th st. and circle.	.....	.....	.....	.....	.....
May 16, 1872	150	Extension board of public works.	Lay Parisen pavement.....	9th st., n. w., bet. K and Boundary sts.	3 30	.....	.....	.....	.....
Aug. 14, 1873	150	Relinquished.....	.....do.....	9th st., n. w., bet. K st. and Pa. ave.	103, 561 60	.....	.....	.....	.....
May 20, 1875	150	Commission extension.	So far as relates to—	9th st., n. w., bet. Pa. ave. and P Boundary.	.....	.....	.....	.....	.....
Apr. 10, 1872	230†	George W. Linville. Surety: John O. Evans.	Resurface concrete pavement.....	9th st., n. w., bet. Pa. ave. and P Boundary.	.....	.....	W. C. Murlock	5, 945 81	7, 332 27
			Grade, set curbs, lay footwalks, park and lay Ballard wood pavement.	3d st., n. w., bet. Ind. and N. Y. aves.	3 30	.....	.....	.....	.....
			Construct 12-inch-pipe sewer on west side.	3d st., n. w., bet. N st. and N. Y. ave.	.....	.....	.....	.....	.....

Expenditures for repair of contract-work under section 9 of the original contracts—Continued.

Date.	Number of contract.	Names of contractors and sureties.	Description of work.	Name of street.	Contract price, per square yard, for pavement, as fixed by board of public works.	Amount expended by board of public works in original contract.	Names of contractors for repairs.	Cost of repairs by Commissioners.
Apr. 10, 1873	2204	George W. Linville. Surety: John O. Evans.	Construct 12-inch-pipe sewer on both sides. Construct 15-inch-pipe sewers, with man-holes and traps, both sides. Construct sewer-laterals and water-services. Build drops.	3d st., bet. N. Y. ave. and L st. 3d st., n. w., bet. L and K sta. 3d st., bet. Ind. and N. Y. ave. 3d st., bet. Ind. ave. and I st., n. w. 3d st., n. w., bet. D st. and N. Y. ave.	..... ..... ..... ..... .....	\$118,635 67	.....	20 per cent. work.
Aug. 7, 1875	2205	Commissioners' extension.	Take up the wood pavement for one or more squares as may be directed, and replace the same with Scharf concrete pavement—the defective places in the remaining part of the wood pavement to be repaired with the sound blocks of wood so removed. Construct 12-inch-pipe sewer on south side, and 20-inch on north side—all with man-holes and traps. Take up cobble-stone pavement, set curb, lay brick pavement, and lay ballard wood pavement.	K st., n. w., bet. 3d and 4th sta. D st., n. w., bet. 6th and 11th sta.	..... .....	1,732 68	.....	.....
Apr. 10, 1873	2206	George W. Linville.	Take up cobble-stone pavement and lay Stowe wood pavement.	7th st. w., bet. D st. n. and Pa. ave.	.....	34,918 43	.....	.....
Apr. 30, 1873	270	Lewis Clephane. Sureties: John O. Evans, Thomas Lewis.	Take up wood pavement and replace the same with vulcanite concrete pavement.	7th st., bet. D st. and Pa. ave., n. w.	.....	9,837 41	.....	.....
Aug. 23, 1873	270	Extension board of public works.	Take up wood pavement and replace the same with vulcanite concrete pavement.	7th st., bet. D st. and Pa. ave., n. w.	.....	3 50	.....	.....
Oct. 14, 1875	270	Commissioners' extension.	Grade, set curbs, lay brick pavement.	17th st. n. w., bet. I and K sta.	.....	.....	Crauford & Hoffman	403 55
May 6, 1873	275	C. E. Evans, president Evans Concrete Company. Sureties: Charles E. Evans, Martha W. Evans.	Lay Evans concrete pavement.	17th st. n. w., bet. I st. and Mass. ave.	.....	40,568 59	.....	.....
							W. C. Murrelock	{ \$2,693 61 -174 34 \$249,077 56 1486 50

[illegible]

* Extra work, (water-services.)

Expenditures for repair of contract-work under section 9 of the original contracts—Continued.

Date.	Number of contract.	Names of contractors and sureties.	Description of work.	Name of street.	Contract-price, per square yard, for pavement, as fixed by board of public works.	Amount expended by board of public works in original contract.	Names of contractors for repairs.	Cost of repairs by Commissioners.	
								Resurfacing or repaving.	30 per cent. work.
Oct. 30, 1875	383	Commissioners' extension.	Take up wood pavement for one or more squares, as may be directed, replacing the same with Scharf concrete pavement, the defective places remaining in the wood pavement to be repaired with the sound blocks so removed.	Bridge st., bet. Aqueduct and High sts., Georgetown.			W. C. Murdock ...		
June 3, 1875	323	George W. Linville. Surety: John O. Evans.	Grade, set curbs, lay brick pavements, construct sewer laterals and water-services, lower track of Metropolitan Railroad, and lay wood pavement. Take up wood pavement for one or more squares, as may be directed, replacing the same with vulcanite concrete pavement, the defective places remaining in the wood pavement to be repaired with the sound blocks so removed.	D st. n., bet. 4th st. w. and N. J. ave.	\$3 50	\$31,099 94			
Oct. 14, 1875	323	Commissioners' extension.	Lay round block pavement.....	do			Cranford & Hoffman	\$11,454 96	\$324 12
July 16, 1875	346	James Finnegan and Thomas Needall. Sureties: James J. Belden and Patrick Lynch.	Grade, set curbs, lay brick pavements, construct 12-inch sewers, with man-holes traps, laterals, and water-services, and lay Stowe wood pavement. Set curb, lay brick pavement, construct sewer laterals and water-services, and lay Stowe wood pavement. Construct 12-inch sewer with man-holes and traps.	D st., bet. 3d and 4th sts., n. w. 8th st., bet. D and F sts. n. w.	3 50		Page & Fletcher ...	\$2,646 53	
Oct. 14, 1875	346	Commissioners' extension.	Take up wood pavement for one or more squares, as may be directed, replacing the same with vulcanite concrete pavement, the defective places	8th st., bet. G and O sts., n. w. 8th st., bet. L and O sts., n. w. 8th st., bet. G and O sts., n. w.	3 50	111,645 08			
							Cranford & Hoffman	10,831 96	371 06

July 16, 1873	346	James Finnegan and Thomas Needall.	remaining in the wood pavement to be repaired with the sound blocks so removed. Grade, set curbs, lay brick pavements, construct sewer laterals and water-services, and lay Stone wood pavement.	E st., bet. 7th and 10th sts., n. w.	3 50	29,863 48			
July 16, 1873	346	Jas. Finnegan, Thos. Needall, Surtees, Jas. J. Holden, Pat. Lynch.	Construct 12-inch sewer with man-holes and traps. Take up blue stone pavement and lay wood pavement.	E st., bet. 7th and 9th sts., n. w. Intersection of 10th and E sts., n. w.	3 50				
June 13, 1873	348	Charles E. Evans, president Evans Concrete Co. Surtees, Charles E. Evans, Martha W. Evans.	Grade, set curbs, and construct 12-inch sewers with man-holes, traps, laterals, and water-services. Lay brick pavements.	E st., n. w. 22d st., bet. E st. and Pa. ave., n. w.			Cranford & Hoffman	1327 18	
Aug. 13, 1873	348	Commissioners' extension.	Lay Evans concrete pavement.	22d st., bet. I st. and Pa. ave., n. w.	3 20	31,219 21			
July 17, 1873	408	Charles E. Evans, president Evans Concrete Co. Surtees, Charles E. Evans, Martha W. Evans.	Resurface the concrete pavement. Grade and set curbs.	.....do			Cranford & Hoffman	6,503 42	307 65
Aug. 13, 1873	408		Lay brick pavements.	19th st., bet. E and F sts., n. w., and bet. H st. and Pa. ave.					
Aug. 13, 1873	408		Construct 12-inch sewer, with man-holes, traps, laterals, and water-services. Lay the Evans concrete pavement.	19th st., bet. E st. and Pa. ave., n. w., and bet. F st. and G st., n. w.	3 20	47,761 35			
Aug. 13, 1873	408	Commissioners' extension.	Resurface the concrete pavement.	.....do					
July 17, 1873	408	Charles E. Evans, president Evans Concrete Company.	Set curbs, lay brick or Evans concrete on the sidewalks, construct 12-inch sewers with man-holes, traps, laterals, and water-services, and lay Evans concrete pavement.	19th st., bet. E st. and Pa. ave., n. w., and bet. F st. and G st., n. w.	3 20	47,980 50	Cranford & Hoffman	18,136 74	647 84
Aug. 13, 1873	408	Commissioners' extension.	Resurface concrete sidewalks and carriage-way.	20th st., bet. E st. and Pa. ave., n. w.			Cranford & Hoffman	11,322 37	348 09
July 17, 1873	408	Charles E. Evans, president Evans Concrete Co.	Set curbs, lay brick or Evans concrete on the sidewalks and carriage-way, and construct 12-inch sewers, with man-holes, traps, laterals, and water-services.	21st st., bet. E st. and Pa. ave., n. w.	{ 1 35 3 20 }	49,740 99			
Aug. 13, 1873	408	Commissioners' extension.	Resurface concrete sidewalks and carriage-way.	.....do			Cranford & Hoffman	9,322 74	310 88

† Extra work to use surplus blocks.

* Extra work.

Expenditures for repair of contract-work under section 9 of the original contracts—Continued.

Date.	Number of contract.	Names of contractors and sureties.	Description of work.	Name of street.	Contract-price, per square yard, for pavement, as fixed by board of public works.	Amount expended by board of public works in original contract.	Names of contractors for repairs.	Cost of repairs by Commissioners.	
								Resurfacing or repaving.	30 per cent. work.
Aug. 7, 1872	439	Charles E. Evans, president Evans Concrete Co. Sureties: Charles E. Evans, Martha W. Evans.	Grade and set curbs..... Lay brick pavements..... Lay Evans concrete pavement on the sidewalks on west side, and Evans artificial stone pavement on sidewalks on east side, and construct an 18-inch sewer, with man-holes, traps, and latrine.	Conn. ave., bet. H st. and P. st. circle. Conn. ave., bet. H and K sts., n. w. Conn. ave., bet. K and L sts., n. w.	..... ..... \$1 35	..... ..... \$163,273 07	.....	.....	.....
Aug. 13, 1873	439	Commissioners' extension.	Lay Evans concrete pavement on carriageway. Lay Evans concrete pavement on sidewalks on both sides. Construct water-services.....	Conn. ave., bet. H st. and Boundary. Conn. ave., bet. L st. and P. st. circle. Conn. ave., bet. H and L sts., n. w.	3 20 1 35 .....	.....	Cranford & Hoffman	\$50,683 06	\$3,619 26
Aug. 7, 1872	439	Charles E. Evans, president Evans Concrete Co.	Resurface the concrete pavement on carriageway. Lay Evans concrete pavement on sidewalks and set curbs. Lay Evans concrete pavement on carriageway.	Conn. ave., bet. H st. and Boundary. 18th st., bet. M and P sts., n. w. 18th st., bet. L and P sts., n. w.	..... 1 35 3 20	31,131 05	.....	.....	.....
Aug. 13 1873	439	Commissioners' extension.	Resurface the concrete pavement on carriageway. Repoint and reset curbs, relay brick or Evans concrete on sidewalks, construct sewer-laterals and water-services, and lay Evans concrete pavement on carriageway.	18th st., bet. L and P sts., n. w. 18th st., bet. M and P sts., n. w. L st., n. w., bet. 17th st. and Conn. ave.	..... ..... 1 35 3 20	..... ..... 8,256 96	Cranford & Hoffman	13,606 55	550 01
Aug. 7, 1873	439	Charles E. Evans, president Evans Concrete Co.							

Aug. 13, 1875 450	Commissioners' ex- tension. Chas. E. Evans, pres. Evans Concrete Co.	Resurface concrete sidewalks and carriageway. Grade and set curbs. Park and lay concrete sidewalks. Lay Evans concrete pavement.	Mass. ave., bet. 14th st. and P-st. circle. Mass. ave., bet. 14th and 15th sts., and bet. 17th st. and P-st. circle. Mass. ave., bet. 14th st. n. w. and east building-line of Scott's statue reservation, and bet. the west building- line of Scott's statue re- servation and P-st. circle.	.....do..... 1 35 3 30	134,652 98	Cranford & Hoffman	2,490 05	1,304 94
Aug. 13, 1875 459	Commissioners' ex- tension. .....do.....	Resurface concrete pavement	Mass. ave., bet. 14th and 15th P-st. circle, and bet. 17th st. and P-st. circle, n. w. bet. 1st st. East Capitol st. bet. 1st st. east and Lincoln Square. E st., bet. 2d and 4th sts. n. w. F st., bet. 2d and 4th sts. n. w. 7th st. w., bet. B st. n. and B st. s.	.....do..... 3 50 3 50 3 50 3 50	93,100 00 17,369 83 7,644 00 58,771 43	Cranford & Hoffman	29,146 31	{ 2,890 85 1,816 75
Sept. 12, 1872 511	John O. Evans, Su- perintendent. relies: D. S. Evans, Lewis Clephane.	Lay wood pavement. Do. Do. Set curbs and lay wood pavement.	.....do.....	.....do.....	.....do.....	Neltz & Acker.	\$92,793 80	773 92
Oct. 16, 1875 511	Commissioners' ex- tension. .....do.....	Take up wood pavement for one or more squares, as may be directed, and replace the same with Belgian block stone pavement, and the defective pieces remaining to be repaired with grade, set curbs, lay Evans concrete pavement on sidewalks and carriage- way on the north and east sides of Government reservation. Grade, set curbs, lay Evans concrete pavement on sidewalks and carriage- way.	N. Y. ave., bet. 18th and 19th sts. n. w.	1 35 3 30	110,879 06 11,003 36			
Sept. 23, 1872 538	Chas. E. Evans, pres- ident Evans Con- crete Co. Surety: Chas. E. Evans.	Resurface the sidewalks and carriage- way on the north and east sides of Government reservation. Grade and lay Evans concrete pave- ment on sidewalks. Lay Evans concrete pavement on car- riage-way. Set curbs.	N. Y. ave., bet. 17th and 18th sts. n. w.	1 35 3 30	**16,250 65			
Aug. 13, 1875 538	Commissioners' ex- tension. .....do.....	Resurface the sidewalks and carriage- way on the north and east sides of Government reservation. Grade and lay Evans concrete pave- ment on sidewalks. Lay Evans concrete pavement on car- riage-way. Set curbs.	N. Y. ave., bet. 18th and 19th sts., and bet. 17th and 18th sts. M st., bet. 18th st. and Conn. ave. n. w. M st., bet. 16th and 18th sts., n. w. M st., bet. 17th and 18th sts., n. w. M st., bet. 18th st. and Conn. ave. M st., bet. 16th and 18th sts	1 35 3 30	(19,416 94 11,023 51 \$7,404 28	Cranford & Hoffman		53 31 87 10 227 63
Oct. 18, 1872 569	Chas. E. Evans, pres- ident Evans Con- crete Co. Sureties: Charles E. Evans, Martha W. Evans.	Resurface concrete sidewalks.	.....do.....	.....do.....	20,631 95			
Aug. 13, 1875 569	Commissioners' ex- tension. .....do.....	Resurface concrete carriageway	.....do.....	.....do.....		Cranford & Hoffman	\$8,349 13	\$609 27

* New work on elevated roadway.
† An additional amount of \$3,801.75 was erroneously charged by board of public work to contract 694.
‡ This work was erroneously charged by board of public works to contract No. 694. § \$61.35 difference due on measurement. || E street, or Rawlins Square.
¶ 18th street, from E street to New York avenue. ** New York avenue. †† E street, or Rawlins Square. ‡‡ 18th street, from E street to New York avenue. §§ New York avenue.

Expenditures for repair of contract-work under section 9 of the original contracts—Continued.

Date.	Number of contract.	Names of contractors and sureties.	Description of work.	Name of street.	Contract-price, per square yard, for pavement, as fixed by board of public works.	Amount expended by board of public works in original contract.	Names of contractors for repairs.	Resurfacing or repaving.	Cost of repairs by Commissioners.
Oct. 18, 1872	569	Chas. E. Evans, president Evans Concrete Co.	Grade and lay Evans concrete pavement on carriage-way. Set curbs.	N. et. bet. N. H. ave. and Scott statue reservation. N. et., bet. N. H. ave. and 19th st.	\$3 20	\$25,969 03			30 per cent. work.
Aug. 13, 1875	569	Commissioners' extension. Chas. E. Evans, president Evans Concrete Co.	Resurface concrete pavement on the carriage-way. Grade, set curbs.	N. et., bet. N. H. ave. and Scott statue reservation. P. et., bet. 18th and 19th sts., n. w.	1 35		Cranford & Hoffman	\$7,992 60	\$188 51 +188 78
Oct. 18, 1872	569	Chas. E. Evans, president Evans Concrete Co.	Lay Evans concrete pavement on sidewalk and carriage-way. Resurface concrete sidewalks and carriage-way. Grade, set curbs, lay brick pavements, park, terraces, furnish and set Seneca stone steps, and construct sewer, laterals and water-services, and lay Miller wood pavement.	P. et., bet. 18th st. and Circle, n. w. do 12th st., bet. M and P sts., n. w.	3 20 3 50	7,400 22 188,987 97			
Oct. 19, 1872	571	Commissioners' extension. Clephane, Lewis. Sureties: Francis H. Smith, Thos. Lewis.	Take up wood pavement for one or more squares, as may be directed, replace the same with vulcanite concrete pavement, and the defective places remaining in the wood pavement to be repaired with the sound blocks so removed.	12th st., bet. F and P sts., n. w.			Cranford & Hoffman	2,985 14	
Oct. 30, 1875	571	Commissioners' extension.	Take up wood pavement No. 2...				Cranford & Hoffman	39,374 51	1,243 92
Oct. 22, 1872	583	David L. DeGolyer, Robt. McClellan.	Take up wood pavement on north and south sides of Pennsylvania avenue, between Second and Eighth streets, southeast, and replace the same with concrete, and the defective places remaining to be repaired with the sound blocks so removed.	Pa. ave., bet. 1st and 8th sts., s. e. Pa. ave., bet. 2d and 8th sts., s. e.	3 50	151,436 23			
Oct. 22, 1875	583	Commissioners' extension.					Jonathan Taylor	44,965 89	4,568 50

Expenditures for repair of contract-work under section 9 of the original contract—Continued.

Date.	Number of contract.	Names of contractors and sureties.	Description of work.	Name of street.	Contract price, per square yard, for pavement, as fixed by board of public works.	Amount expended by board of public works in original contract.	Names of contractors for repairs.	Cost of repairs by Commissioners.	
								Resurfacing or repaving.	30 per cent. work.
Sept. 8, 1873	390	Chas. E. Evans, president Evans Concrete Co. Sureties: Charles E. Evans, Martha W. Evans. Commissioners' extension.	Lay Evans concrete pavement on carriage-way. Do.	B st., bet. N. J. ave. and 9d st., s. e. 1st st. east, bet. B st. south and the north side Pa. ave.	\$3 20 3 20	\$20,757 18			
Aug. 13, 1875	390*		Repair concrete pavement	B st., bet. N. J. ave. and 9d st., s. e., and 1st st. east, bet. B st. south and the north side of Pa. ave. Square 484			Cranford & Hoffman	\$5,994 32	\$264 38
Sept. 30, 1873	913	Chas. E. Thurston. Sureties: C. D. Willard, J. T. H. Hall.	Construct 12-inch pipe sewer, with man-holes and traps in alley. Construct 8-inch pipe sewer, with man-holes and traps on both sides. Grade, set curbs, lay brick pavements, construct sewer laterals and water services, and lay Scharf concrete pavement.	5th st., bet. K and L sts., n. w. 5th st., bet. G st. and N. Y. ave., n. w.	3 20	280 57 36,266 04			
Aug. 5, 1875	913	Commissioners' extension.	Repair the concrete pavement.	Square 516† 5th st., bet. G st. and N. Y. ave., n. w.		8 48	William C. Murdock	10,234 24	2,316 53
Sept. 30, 1873	914	Chas. E. Evans, president Evans Concrete Co. Sureties: Charles E. Evans, Martha W. Evans. Commissioners' extension.	Lay Evans concrete pavement	K st., bet. 3d and 7th sts., n. w.	3 20	26,888 80			
Aug. 13, 1875	914		Resurface and repair concrete pavement.	do		2,546,291.90	Cranford & Hoffman.	12,174 05	1,699 88
								740,897 54	68,346 69
									740,897 54
									809,944 93

* B street only.

† Not mentioned in written contract.

VIII.—APPENDIX No. 10.—BOARD RATES.

These are the rates at which work has been done by the Commissioners under contracts and extensions of the board of public works, the medium of payment being District 3.65 bonds. In the consideration of the question of these rates of the late board of public works, the printed evidence taken before the joint investigating committee of the Forty-third Congress, as well as the record of the action of the board of public works, in general and in particular cases, have been examined. The result is given in the following table, which gives the board rates as they have been ascertained and adhered to in the engineer's office:

Board rates.

	3.65 bonds.	Equivalent in cash at 70 cents.
<i>Brick pavement.</i>		
New brick pavement laid.....per sq. yard.	\$1 00	\$0 70
New brick pavement laid on edge.....do.	2 00	1 40
Old brick pavement laid.....do.	23	17½
Old brick pavement laid on edge.....do.	50	35
<i>Curbing.</i>		
Furnishing and setting, 2 by 14 inches.....per foot.	65	45½
Furnishing and setting, 4-inch.....do.	85	59½
Furnishing and setting, 4½-inch.....do.	95	66½
Furnishing and setting, 5-inch.....do.	1 20	84
Furnishing and setting, 5½-inch.....do.	1 42	99.4
Furnishing and setting, 6-inch.....do.	1 42	99.4
Furnishing and setting, 4-inch, circular.....do.	2 05	1 43½
Furnishing and setting, 5-inch, circular.....do.	2 05	1 43½
Furnishing and setting, 6-inch, circular.....do.	2 05	1 43½
Setting, 2 by 14 inches.....do.	15	10½
Setting, 4-inch.....do.	15	10½
Setting, 4½-inch.....do.	25	17½
Setting, 5-inch.....do.	25	17½
Setting, 5½-inch.....do.	30	21
Setting, 6-inch.....do.	30	21
Setting, 4-inch, circular.....do.	30	21
Setting, 5-inch, circular.....do.	30	21
Setting, 6-inch, circular.....do.	30	21
Dressing and jointing.....do.	20	14
Dressing only.....do.	15	10½
<i>Flagging.</i>		
Furnishing and laying, for crossings.....per sq. foot.	60	42
Furnishing and laying, 12-inch.....per lin. foot.	35	24½
Furnishing and laying, 16-inch.....do.	48	32.6
Relaying, 12-inch.....do.	12	08.4
Relaying, 16-inch.....do.	12	08.4
<i>Grading and hauling.</i>		
Ordinary excavation.....per cu. yard.	30	21
First two feet of old gravel road-bed.....do.	40	28
Rock excavation.....do.	1 00	70
All include a haul of 200 feet, and for every 100 feet over the first 200 feet.....do.	0½	00.8½
<i>Graveling.</i>		
Graveling*.....per sq. yard.	15	10½
<i>Pavements.</i>		
Cobble-stone.....per sq. yard.	70	49
Cobble-stone, relaying.....do.	37	25.9

* This price has been allowed when contractors have furnished the gravel at their own expense, or obtained the material from excavation, where they were obliged to handle it twice. Where gravel was hauled long distances, the rates for excavation and haul have been allowed, based upon the actual amount of gravel handled. Where obtained and paid for in excavation in one street and hauled upon another, no additional compensation has been given.

Board rates—Continued.

	3.65 bonds.	Equivalent in cash at 70 cents.
<i>Pavements—Continued.</i>		
Macadam, (12 inches deep) per sq. yard.	\$1 50	\$1 05
Round block, (wood) do.	1 75	1 22½
Seneca stone, (irregular block) do.	1 50	1 05
Blue-stone, (irregular block)* do.	1 50	1 05
Concrete * do.	3 80	2 24
Wood * do.	3 50	2 45
Belgian* do.	3 50	2 45
Relay blue or Seneca stone do.	75	52½
<i>SEWERAGE.</i>		
<i>Traps.</i>		
Old corporation pattern each	145 38	101 76.6
Chase's pattern do.	114 58	80 20.6
Green's pattern do.	200 00	140 00
Allen pattern do.	71 25	49 87.5
Chase's pattern, (covers) do.	37 00	29 90
Old corporation, (alley-frame) do.	29 16	20 41.2
Old corporation sewer-trap frame, (granite) do.	33 33	23 33
Old corporation sewer-trap cover, (iron) do.	10 25	7 17½
Raising corporation traps do.	20 00	14 00
Lowering corporation traps do.	10 00	7 00
<i>Man-holes.</i>		
6 feet deep, and under each	31 68	22 17.6
6 feet deep, and not more than 8 feet deep do.	42 24	29 56.8
8 feet deep, and not more than 10 feet deep do.	52 80	36 96
10 feet deep, and not more than 12 feet deep do.	63 36	44 35.2
12 feet deep, and not more than 14 feet deep do.	73 92	51 74.4
14 feet deep, and not more than 16 feet deep do.	84 48	59 13.6
16 feet deep, and not more than 18 feet deep do.	95 04	66 52.8
18 feet deep, and not more than 20 feet deep do.	105 60	73 92
Man-holes with trap-bottom, additional do.	4 64	3 24.8
Man-hole tops do.	11 50	8 05
Man-hole covers do.	5 00	3 50
Raising and lowering man-holes do.	5 00	3 50
Pump-drops, complete do.	15 00	10 50
<i>Excavation.</i>		
Excavation and refilling, to be measured in excavation only per cubic yard.	40	29
Excavation in made ground do.	50	35
Excavation 16 feet and over do.	77	53.9
Excavation of rock in trench do.	1 50	1 05
Shoring per lin. foot.	1 08	75.6
<i>Tile-pipe.</i>		
Furnishing and laying 6-inch straight per lin. foot.	36	25
Furnishing and laying 8-inch straight do.	52	36.4
Furnishing and laying 10-inch straight do.	69	48.3
Furnishing and laying 12-inch straight do.	88	61.6
Furnishing and laying 15-inch straight do.	1 33	93.1
Furnishing and laying 18-inch straight do.	1 62	1 13.4
Furnishing and laying 21-inch straight do.	2 09	1 46.3
Furnishing and laying 24-inch straight do.	2 22	1 55.4
Furnishing and laying 30-inch straight do.	2 40	1 96
Furnishing and laying 12 by 6-inch branch do.	1 38	96.6
Furnishing and laying 12 by 12-inch branch do.	1 60	1 12
Furnishing and laying 15 by 6-inch branch do.	1 80	1 26
Furnishing and laying 15 by 12-inch branch do.	2 10	1 47
Furnishing and laying 15 by 15-inch branch do.	2 35	1 64.5
Furnishing and laying 18 by 6-inch branch do.	2 37	1 65.9
Furnishing and laying 18 by 12-inch branch do.	2 40	1 96
Furnishing and laying 18 by 15-inch branch do.	2 95	2 06.5
Furnishing and laying 18 by 18-inch branch do.	3 20	2 24
Furnishing and laying 20 by 6-inch branch do.	3 20	2 24
Furnishing and laying 20 by 12-inch branch do.	3 25	2 27.5
Furnishing and laying 20 by 15-inch branch do.	3 46	2 38
Furnishing and laying 20 by 18-inch branch do.	3 50	2 45
Furnishing and laying 21 by 6-inch branch do.	3 05	2 12.5

* Include two feet of grading.

Board rates—Continued.

	3-65 bonds.	Equivalent in cash at 70 cents.
<i>Tile-pipe—Continued.</i>		
Furnishing and laying 24 by 6-inch branch.....per lin. foot.	\$4 40	\$3 08
Furnishing and laying 24 by 12-inch branch.....do.....	4 60	3 22
Furnishing and laying 24 by 15-inch branch.....do.....	4 70	3 29
Furnishing and laying 24 by 18-inch branch.....do.....	4 70	3 29
Furnishing and laying 24 by 20-inch branch.....do.....	4 70	3 29
Furnishing and laying 30 by 6-inch branch.....do.....	6 00	4 20
<i>Brick masonry.</i>		
Furnishing and laying.....per thousand.	23 00	16 10
<i>Stone masonry.</i>		
Furnishing and laying.....per perch.	7 00	4 90
<i>Rubble stone.</i>		
Furnishing and laying, in cement.....per perch.	6 50	4 55
<i>Paving.</i>		
Sod and soil, 8 inches deep.....per square yard.	50	35
<i>Hauling curb.</i>		
Hauling, per cubic yard and per 100 feet of haul.....	01½	00.82

ASSUMING

Twelve feet of 6-inch blue-stone curb and coping equal 1 cubic yard; 14 feet of 5-inch blue-stone curb and coping equal 1 cubic yard; 24 feet of 4 x 16 inch blue-stone curb and coping equal 1 cubic yard; 24 feet of bridge stone equal 1 cubic yard; 32 feet of 12-inch gutter-stone equal 1 cubic yard; 10 feet of 6-inch granite curb equal 1 cubic yard; 12 feet of 5-inch granite curb, equal 1 cubic yard; 6 square yards of blue or rubble pavement equal 1 cubic yard; 9 square yards of cobble pavement equal 1 cubic yard; 500 or 14 square yards equal 1 cubic yard.

This haul is allowed only when old material is moved from line of street to property-yard.

In the manuscript of my report of November 30, 1875, was given a summary of main sewer rates, which should have appeared on page 373 of the printed report of the Commissioners of December 1, 1875, but which was, through some inadvertence, omitted. It is contained in this table.

MAIN SEWER RATES.

First. The cost of the work as obtained by a detailed estimate of its excavation and masonry, viz:

Rates for bricks, per M.....	\$23 00
Rates for stone, per perch.....	6 50
Rates for excavation, for 16 feet deep and less, per cubic yard.....	40
and for all over 16 feet deep, per cubic yard.....	77
Rates for shoring, per linear foot.....	1 08

Second. An addition of 15 per centum for contingencies.

Third. A further addition of 15 per centum on account of the manner of payment.

The following are the bids upon which cash contracts were awarded by the Commissioners, after due notice by advertisement, and are considerably lower than the average of all bids received. It will be seen that they are generally in excess of the board rates:

	Cash.	Equivalen in bond at \$0.70.
<i>Brick pavement.</i>		
Furnishing and laying brick, (in foot-pavement).....per sq. yard.	\$0 60	\$0 85.7
<i>Curbing.</i>		
Furnishing and setting 4 by 20 blue-stone.....per lin. foot.	75	1 07
Furnishing and setting 5 by 20 blue-stone.....do.....	80	1 14.3
Furnishing and setting 6 by 20 blue-stone.....do.....	90	1 28.6
Furnishing and setting 4 by 20 granite.....do.....	80	1 14.3
Furnishing and setting 5 by 20 granite.....do.....	90	1 28.6
Furnishing and setting 6 by 20 granite.....do.....	1 00	1 42.8
Furnishing and setting 4 by 20 granite circular.....do.....	1 10	1 57
Furnishing and setting 5 by 20 granite circular.....do.....	1 00	1 42.8
Furnishing and setting 6 by 20 granite circular.....do.....	1 10	1 57
Furnishing and setting 4 by 20 granite blue-stone circular.....do.....	90	1 28.6
Furnishing and setting 5 by 20 granite blue-stone circular.....do.....	95	1 35.7
Furnishing and setting 6 by 20 granite blue-stone circular.....do.....	1 00	1 42.8
<i>Grading.</i>		
Grading, with 200 feet or less of haul.....per cubic yard.	24	34.3
And for each additional 100 feet.....do.....	01	01.4
<i>Sewerage.</i>		
(No main sewer-work required at these rates.)		
<i>Traps.</i>		
Old corporation pattern.....each..	69 39	99 01.4
Chase's pattern.....do.....	77 39	110 55
Alley trap.....do.....	47 33	67 61
<i>Excavation.</i>		
Excavation, not exceeding — feet in depth.....per cubic yard.	29	41.4
Same, exceeding 16 feet in depth.....do.....	35	50
Rock excavation.....do.....	80	1 14
Shoring.....per lin. foot.	49	70
Plank foundation.....do.....	04	05.7
<i>Tile-pipe, furnishing and laying.</i>		
Bids made for laying only; cost of pipe added at equivalent of board rates in cash, bonds rated at 70 cents.		
Furnishing and laying 6-inch straight.....per lin. foot.	18.9	49
Furnishing and laying 12-inch straight.....do.....	55.5	79.3
Furnishing and laying 15-inch straight.....do.....	88	1 25.7
Furnishing and laying 18-inch straight.....do.....	1 20	1 71
Furnishing and laying 20-inch straight.....do.....	1 36.5	1 94.2
Furnishing and laying 24-inch straight.....do.....	1 84.5	2 63.5
<i>Brick masonry.</i>		
Furnishing and laying bricks.....per M.	17 00	24 22.5

APPENDIX No. 11.—TABLE OF CASH CONTRACTS.

TABLE No. 5.—Cash contracts for improvements and current expenses of the District government from June 30, 1874, to November 30, 1876.

[Contracts marked "Completed" are paid in full, (as per statement of auditor of District of Columbia,) except as otherwise noted in the column of remarks.]

			Paid.	Retained.	Estimated for completion.
Current expenses.....			\$104,228 13		.....
Work of improvement.....			271,353 15	\$2,340 00	\$13,894 05
Total.....			375,581 28	2,340 00	13,894 05
Date.	No.	Names.	Description and locality of work.	Cost.	Remarks.
Aug. 7, 1874	1	Holtzclaw & Graham.....	Furnish material, labor, and repair roof of Eastern market, square 872.	\$400 00	Completed prior to report of 1874. Current expenses.
Aug. 22, 1874	2	Samuel S. Hunt.....	Repair buildings, and repair and extend outhouses, Jefferson school-building, 6th st. and Va. ave., s. w.; and the Greenleaf school-building, 44 st., bet. N and O sts., s. w.; and Potomac school-building, 12th st., bet. Md. ave. and E st., s. w.	3,073 00	Do.
Aug. 23, 1874	3	Groat & Himber.....	Construct gravel-pit and sewer-inlet at 11th and Boundary sts., n. e.	2,947 16	Completed prior to report of 1874. Current expenses.
Aug. 24, 1874	4	Richard Fitzmorris.....	Haul all property belonging to the District of Columbia from 8th st. e. to 6th st. w. wharf; from P st., bet. 14th and 15th sts., n. w., to G-st. wharf, n. w.	640 58	Completed prior to report of 1874. Current expenses.
Sept. 17, 1874	5	Albert and Sylvanus Gleason.	Construct lateral sewers and house-connections, whenever and wherever the same may be directed by the engineer, in the cities of Washington and Georgetown, for the period of 1 year.	17,057 98	Expired by limitation.
Oct. 6, 1874	6	Geo. A. Hilton, assignor to Chas. A. Monague.	Furnish Fountain patent sign for street-lamps for the cities of Washington and Georgetown.	1,000 00	{ Complete, unless further orders are given. } Current expenses.
Oct. 28, 1874	7	William Douglass.....	Furnish and plant 500 trees wherever designated by the engineer, and 500 tree-boxes and straps in the cities of Washington and Georgetown.	940 35	Relinquished.
Oct. 10, 1874	8	Samuel S. Hunt.....	Build and complete a school-house in the county of Washington....	1,375 00	Completed prior to report of 1874. Current expenses.
Oct. 23, 1874	9	John S. Ruckie.....	Lay 500 square yards of O'Friel's adamantine-rock pavement on Pennsylvania ave., bet. Four-and-a-half and Fifteenth sts., n. w.	800 64	Completed prior to report of 1874.
Nov. 7, 1874	10	John Lyons.....	Grade, set curbs, and lay brick footwalks in the cities of Washington and Georgetown, where the same may be ordered by the engineer of District of Columbia, for period ending December 31, 1875.	4,980 06	Expired by limitation January 1, 1876.
Apr. —, 1875	11	George L. Sheriff.....	Sweeping and clearing all alleys in the cities of Washington and Georgetown for the period of one year.	11,800 00	Expired March 31, 1876. Charged to current expenses.
Apr. 24, 1875	12	Simon Carmody and Chas. A. Acker.	Sprinkling, sweeping, and cleaning all of the streets and avenues in the cities of Washington and Georgetown which may be paved with wood, concrete, and stone, for the period of one year from May 6, 1875.	48,118 13	Expired May 6, 1876. Charged to current expenses.

TABLE No. 5.—Cash contracts for improvements and current expenses, &c.—Continued.

Date.	No.	Name.	Description and locality of work.	Cost.	Remarks.
June 2, 1875	.....	Extension with L. P. Wright.	Difference between bonds and cash allowed on former contract, No. 992, board of public works, as per act of Congress approved March 1, 1875.	\$11,821 55	Charged to current expenses.
May 13, 1875	13	John Lynch, Jr., treasurer Potomac Terra-Cotta Company.	Furnishing sewer-pipe, as follows, viz: 6-inch straight, 20 by 6 branches; 12-inch straight, 24 by 6 branches; 15 by 6 branches.	.....	This contract canceled by mutual consent of the parties thereto, and all orders given under it declared void.
June 19, 1875	134	Samuel Strong	Lay experimental pavement on the rectangle between the curbs at the intersection of Twelfth and G sts., n. w., at his own cost and expense.	.....	Completed without cost to the District.
June 21, 1875	14	William L. Davis	Lay Neuchâtel rock pavement on the carriage-way of Grant st., between Ninth and Tenth sts., n. w.	6,007 19	Completed.
May 7, 1875	15	D. E. Hill	Furnish sewer-pipe, in such quantities as may be ordered, of the following sizes: 18-inch, 20-inch, and 24-inch.	.....	This contract canceled by mutual consent of the parties thereto, and all orders given under the same declared void.
Nov. 16, 1875	16	Henry L. Cranford and Lindly M. Hoffman.	Resurface concrete pavement of G st., between Thirteenth and Fifteenth sts., n. w., and make the necessary repairs of G st., bet. Ninth and Thirteenth sts., n. w.	4,774 72	Completed.
Jan. 7, 1876	17	David A. Windsor and Charles Ford.	Grade South Capitol st., bet. M and N sts., s. e.	.....	Completed. The only consideration for this work was the clay obtained from the excavation.
Jan. 31, 1876	18	Alfred Richards	Grade South Capitol st., from M st. to Eastern Branch.	.....	The only consideration for this work is the clay obtained from the excavation.
Mar. 29, 1876	19	F. M. Draney	Sweeping and cleaning all of the alleys in the cities of Washington and Georgetown for the period of one year from April 1, 1876.	3,759 15	Charged to current expenses.
Apr. 17, 1876	20	Andrew Gleason	Sprinkling, sweeping and cleaning all streets and avenues which may be paved with wood, concrete, or stone in the cities of Washington and Georgetown for the period of one year from May 6, 1876.	20,750 72	Do.
Apr. 5, 1876	204	George F. Gulick	Grading Park st., bet. Eleventh and Twelfth sts., n. e., at his own expense.	.....	Completed without cost to the District.
Apr. 21, 1876	21	Joseph Williams	Construct and complete a brick school building at the intersection of Delaware ave. and First st., s. w.	20,500 00	Completed.
Apr. 21, 1876	22	F. H. Smith and H. W. Birge.	Furnish and put into the new brick school-house to be erected at the intersection of Delaware ave. and Second st., s. w., the so-called "Gold's wrought-iron heaters."	2,200 00	Do.
May 19, 1876	23	Thomas P. Morgan	Dredging James Creek Canal, from the Arsenal grounds to Virginia ave.	15,959 97	Completed. Extinguishes all claims under former contract, No. 853, of the board of public works and extension, except payment of balance due March 29, 1876. Of this amount, \$294.10 charged on final measurement of contract No. 853 of the board of public works of September 16, 1875.

June 6, 1876	34	J. J. Shipman	Construct sea-walls on James Creek Canal at N st. a. Also to remove old pivot-bridge abutments and old wall at N st. a., and construct one Howe truss-bridge over James Creek Canal, at N st. a.	8, 435 45	Required for completion of work, \$13,894 05.
Sept. 9, 1876	34	Extension	Extend retaining walls at approaches to N st. bridge, and construct iron fence for same.		
May 26, 1876	35	John G. Stafford	Also set curbs, pave the carriage-way with blue-rock, and lay brick foot-walk on the east side of 1st st., bet. M and N sts., s. w. Also to construct two sewer-traps at M st. (south) bridge. Grade and relay old material on N st. a., bet. James Creek Canal and 2d st. e. and lay blue-rock pavement on carriage-way on said N st., bet. James Creek Canal and 3d st. e.	20, 091 80	Completed. Extinguishes all claims under former contract No. 316 of board of public works and extensions, except payment of balance due on March 22, 1876, date of cancellation of contract, pursuant to joint resolution approved March 14, 1876.
May 27, 1876	36	Simon Carmody	Grading, graveling carriage-way, relaying old material on Del. ave., bet. Mass. ave. and C st., n. e. Also grading and relaying old material on 1st st., bet. Mass. ave. and C st., n. e., and on E st., bet. 1st and 2d sts., n. e.	7, 531 87	Completed. Extinguishes all claims under former contract No. 1047 of board of public works and extensions, except payment of balance due on March 22, 1876, date of cancellation of contract, pursuant to joint resolution approved March 14, 1876.
May 29, 1876	37	Stephen Tally	Setting curbs, laying cobble-stone gutters, flag footways, and graveling carriage-way on K st., bet. 3d and 7th sts., n. e.	1, 690 73	Completed. Extinguishes all claims under former contract No. 836 of board of public works and extensions, except payment of balance due on March 22, 1876, date of cancellation of contract, pursuant to joint resolution approved March 14, 1876.
May 27, 1876	38	E. E. Barnes	Grading, setting curbs, laying brick foot-walks on M st., bet. 2d and 4th sts., s. e., and laying cobble-stone pavement on the carriage-way of M st., bet. South Capitol st. and N. J. ave., and blue-stone pavement on the carriage-way of said M st., bet. South Capitol and 4th sts. w. and bet. N. J. ave. and 4th st. e. Also grading, re-erecting curbs, and relaying brick foot-walks on N st., bet. 2d and 3d sts., s. e.	21, 319 79	Completed. Extinguishes all claims under former contract No. 264 of board of public works and extensions, except payment of balance due on March 22, 1876, date of cancellation of contract, pursuant to joint resolution approved March 14, 1876.
June 9, 1876	29	Henry Birch	Grading, setting curbs, laying brick foot-walks, and laying Belgian trap-rock pavement on the carriage-way of 1st st., bet. Va. ave. and M st., s. w., and bet. B and D sts., s. w.; grading of 1st st., bet. M and N sts., s. w., suitable for travel; also, setting curbs, laying cobble-stone gutters, brick foot-walks, and blue-stone pavement on the carriage-way of South Capitol st., between M and N sts. s.	17, 150 88	Completed. Extinguishes all claims under former contract No. 860 of board of public works and extensions, except payment of balance due on March 22, 1876, date of cancellation of contract, pursuant to joint resolution approved March 14, 1876.
June 3, 1876	30	Thomas Joyce	Sewering and relaying cobble-stone pavement in west alley in Square No. 510.	1, 079 33	Completed. Extinguishes all claims under former contract No. 769 of board of public works and extensions, except payment of balance due on March 22, 1876, date of cancellation of contract, pursuant to joint resolution approved March 14, 1876.

TABLE No. 5.—*Cash contracts for improvements and current expenses, &c.*—Continued.

Date.	No.	Name.	Description and locality of work.	Cost.	Remarks.
June 19, 1876	31	D. A. Connolly.....	Complete the work of setting of curbs, laying brick footwalks and cobble-stone gutters at the corners of Mass. av. and N. Capitol st., and Mass. av. and 3d st. e., and gravel the roadway of said Mass. av., bet. N. J. av. and 1st st. e.	\$4,000 00	Completed. Extinguishes all claims under former contract No. 343 of board of public works and extensions, except payment of balance due on March 22, 1876, date of cancellation of contract, pursuant to joint resolution approved March 14, 1876.
June 29, 1876	32	Thomas Kirby.....	Grading, setting curbs, laying cobble-stone gutters, brick footwalks, and graveling the carriage-way on F st., bet. Mass. and N. J. av. All suitable old material to be relaid. Also, grading, setting curbs, laying cobble-stone gutters, brick footwalks, and graveling the carriage-way, on 3d st. e., bet. Mass. ave. and G st. n. All suitable old material to be relaid. Also, complete the macadamizing of Boundary st., bet. S st. and Mass. av., n. w.	11, 179 36	Completed. Extinguishes all claims under former contract No. 1050 of board of public works and extensions, for the improvement of Grant avenue, except payment of balance due March 22, 1876, date of cancellation of contract, pursuant to joint resolution approved March 14, 1876.
June 23, 1876	33	John Lyons.....	Cleaning Tiber sewer, bet. Pa. av. and James Creek Canal, by removing the sand, gravel, and other matter deposited therein.	3, 127 00	Nearly completed; \$2,127 still due contractor of this amount.
July 13, 1876	34	Peter McNamara.....	Grade F st. n., bet. 2d st. e. and Mass. ave.	3, 675 10	Completed. Expired Nov. 1, 1876. Charged to current expenses.
July 11, 1876	35	Fred. F. Wright.....	Sprinkling 4½ st., bet. Mo. ave. and the Arsenal gate, s. w.	750 00	Completed.
July 26, 1876	36	E. E. Barnes.....	Grading, setting curbs, laying brick footwalks and blue-rock pavement on the carriage-way, gutter, and cross-flagging, and lowering water-main and water-services, on 3d st., bet. M and N sts., n. e.	9, 685 87	Completed.
Sept. 25, 1876	37	Peter McNamara.....	Grading and paving with cobble-stone alley in square No. 727	200 00	Completed. Current expenses.
Oct. 16, 1876	38	Francis H. Smith and Henry Berge.....	For repairing heating-apparatus of the Jefferson school-building.	1, 500 00	Completed. Cost deducted from the final measurement of contract No. 853 of the board of public works and extension of Sept. 16, 1873.
	39	Murdoch, W. C.....	Pointing-up sea-walls of James Creek Canal, bet. I and N sts. s.....	1, 025 00	Completed.
Nov. 28, 1876	40	Murdoch, W. C.....	Rebuilding section of sea-wall of James Creek Canal at the mouth of Tiber arch.	1, 425 00	Completed. To be paid for from proceeds of sale of stalls, cash and notes; no other claim upon the District.
Sept. 17, 1876	41	James G. Naylor.....	Erecting stalls and fixtures in the Western market-house.....	5, 975 20	Completed. To be paid for from proceeds of sale of stalls, cash and notes; no other claim upon the District.
Sept. 17, 1876	42	Thomas Lewis.....	Completing the improvements outside of and on the grounds of the Western market-house, and relaying the footwalks on K st., bet. 19th and 20th sts., n. w.	17, 739 11	To be paid for from proceeds of sale of stalls, cash and notes; no other claim upon the District.
		Extension.....	Grading, setting curbs, and lay brick footwalk on front of Western market-house, on K and 21st sts., n. w., and lay brick-on-edge pavement in the alley-way from the street to the building-line on K st., n. w.		
			Furnishing and putting up the necessary gas-fixtures to light the inside of the Western market-house.	553 00	Do.
Nov. 22, 1876	44	A. R. Shepherd and Frank Jones. William E. Spaulding and George W. Bonnell.	Painting the inside of the Western market-house.....	500 00	Do.

James G. Naylor.....	Completing Western market-house, corner of 21st and K sts., n. w.	44,250 94	Completed. Done under the direction of the Commissioners of the District of Columbia. Canceled all claims under contract No. 489, of board of public works, including balance due on March 23, 1876, the date of cancellation of the contract, and to joint resolution approved March 14, 1876.
J. J. Shipman	To complete the work of closing the break in the Tiber sewer at Va. avo., s. w.	4,369 35	Completed. Authorized by the Commissioners of the District of Columbia, June 30, 1876.
A. M. Maynard	To rebuild a portion of the sea-wall of James Creek Canal, thrown down or shattered.	833 75	Completed. Authorized by the Commissioners of the District of Columbia, July 6, 1876 ; charged to contract No. 823 of board of public works, and extension of September 16, 1876.
Thomas Joyce	To relay brick foot-walk on Q st, bet. N. J. ave. and 6th st. n. w. ; 6th st. bet. P and Q sts. n. w. ; and P st., bet. 6th and 7th sts., n. w. over sewer recently laid.	100 00	Completed. Authorized by the Commissioners of the District of Columbia, September 11, 1876.
William Husey	To fill South Capitol street at the intersection of Va. avo., s. w., and adjacent to protect Tiber arch.	1,030 16	Completed. Authorized by the Commissioners of the District of Columbia, October 7, 1876.
Thomas Joyce	To complete the parking of the reservation at the intersection of N. J. ave. and I st. n. w.	350 00	Completed. Authorized by the Commissioners of the District of Columbia, April 27, 1876.
J. G. Stafford	Filling Delaware avenue.....	1,083 25	Completed. Authorized by the Commissioners of the District of Columbia, April 27, 1876.
Bradley, Scharf & Co.....	Repairing concrete pavements.....	85 50	Completed. Authorized by the Commissioners of the District of Columbia, April 27, 1876.
Page & Fletcher.....	Ponticling wood pavement on Pa. ave., bet. 3d and 4th sts., n. w.....	696 29	Completed. Authorized by the Commissioners of the District of Columbia, April 27, 1876.
Riley & Clark	Grading alley, square No.—.....	1,644 59	Completed. Authorized by the Commissioners of the District of Columbia, April 27, 1876.
W. C. Murdock	Repairing concrete pavements	6,504 67	Completed. Authorized by the Commissioners of the District of Columbia, April 27, 1876.
	Total.....	*377,931 98	Completed.

* Of which sum \$242,606.45 has been expended on account of permanent improvements since the date of my last annual report, November 30, 1875.

VIII.—APPENDIX No. 12.—STATEMENT OF REDUCTION OF EXPENSES.

Comparative statement of force under direction of engineer of District of Columbia, which replaces corresponding organization of the board of public works, showing the reduction of expenses.

RECAPITULATION.

The employés under the direction of the engineer of the District of Columbia perform the duties of, and correspond to, the following offices of the board of public works, of which the cost is given for the month of June, 1874, being the organization which has been replaced by the present one:

Vice-president's	\$3,212 68
Inspector	1,242 33
Engineer's	4,532 98
Engineers, superintendent's branch	6,397 33
Superintendent of sewers	454 83
Contract office	825 00
Inspector of buildings	125 00
Superintendent of streets	527 33
Superintendent of roads	363 33
Superintendent of gas-lamps	216 66
Watchmen	400 00
Superintendent of properties	1,478 68
Total	19,776 15
Expenses for engineer's employés, (average force 1874-'75)	6,702 80
Diminution of expenses per month	13,073 35
Diminution of expenses per annum	156,880 20
Diminution for the month of November, 1876. (See daily report of this date)	4,338 67
Diminution of expenses per annum, (basis of present force)	185,245 80

Statement of the organization of the board of public works, June 20, 1874.

Rank and office.	Compensation.			
	Per annum.	Per diem.	Total for one month.	Total for each office.
<i>Vice-president's office.</i>				
One secretary	\$3,400 00	.....	\$300 00	
One chief clerk	2,200 00	.....	183 34	
One clerk	2,100 00	.....	175 00	
Do	1,800 00	.....	150 00	
Seven clerks	1,500 00	.....	875 00	
Four clerks	1,200 00	.....	400 00	
One clerk	1,000 00	.....	83 34	
Five clerks	900 00	.....	375 00	
Two clerks .....	.....	\$4 00	208 00	
Do	900 00	.....	150 00	
Three messengers	720 00	.....	120 00	
One messenger	600 00	.....	150 00	
Two messengers	780 00	.....	65 00	
.....	.....	1 50	78 00	
				\$3,212 68

Statement of the organization of the board of public works, &c.—Continued.

Rank and office.	Compensation.			
	Per annum.	Per diem.	Total for one month.	Total for each office.
<i>Inspector's office.</i>				
One inspector	\$2,500 00	\$208 33	\$1,242 33
Do.....	1,800 00	.....	150 00
Do.....	.....	\$5 00	130 00
Four inspectors .....	.....	4 00	416 00
Two inspectors .....	.....	3 00	156 00
One clerk	1,200 00	.....	100 00
One messenger.....	.....	2 00	52 00
Livery of horse .....	.....	.....	30 00
<i>Engineer's office.</i>				
Three assistant engineers	3,600 00	900 00	4,532 98
Five levelers	2,000 00	.....	833 31
One leveler .....	.....	6 00	156 00
Two clerks	1,800 00	.....	300 00
One clerk	1,400 00	.....	116 67
Four clerks	1,200 00	.....	400 00
Three clerks .....	.....	4 00	312 00
One clerk .....	.....	5 00	130 00
One draughtsman .....	.....	6 00	156 00
Three draughtsmen .....	.....	4 00	312 00
One draughtsman .....	.....	3 00	78 00
One rodman .....	.....	4 00	104 00
Four rodmen .....	.....	2 50	260 00
Five axemen .....	.....	2 50	325 00
Three messengers	600 00	.....	150 00
<i>Superintendent's branch.</i>				
One clerk	1,600 00	133 33	6,391 33
Two clerks .....	.....	5 00	260 00
One messenger	600 00	.....	50 00
One general superintendent .....	.....	6 00	156 00
Six general superintendents .....	.....	5 00	780 00
Forty-three special superintendents .....	.....	4 00	4,472 00
Seven special superintendents .....	.....	3 00	546 00
<i>Superintendent of sewers.</i>				
One superintendent of sewers	2,500 00	208 33	454 63
One clerk .....	.....	4 00	104 00
One sewer-tapper	750 00	.....	62 50
One messenger	600 00	.....	50 00
Livery of horse .....	.....	.....	30 00
<i>Contract office.</i>				
One clerk	1,800 00	150 00	825 00
Do.....	1,500 00	.....	125 00
Five clerks	1,200 00	.....	500 00
One messenger.....	600 00	.....	50 00
<i>Inspector of buildings office.</i>				
One assistant inspector	1,500 00	125 00	125 00
<i>Superintendent of streets office.</i>				
One superintendent of streets	2,500 00	208 33	527 33
One superintendent of repairs	1,800 00	.....	150 00
One clerk	1,200 00	.....	100 00
One messenger.....	.....	1 50	39 00
Livery of horse .....	.....	.....	30 00
<i>Superintendent of roads office.</i>				
One superintendent of roads	2,500 00	208 33	363 33
One clerk	900 00	.....	75 00
One messenger	600 00	.....	50 00
Livery of horse .....	.....	.....	30 00
<i>Superintendent of gas and lamps.</i>				
One superintendent of gas, &c	600 00	50 00	216 66
One clerk	1,400 00	.....	116 66
One messenger	600 00	.....	50 00
<i>Watchmen.</i>				
Two watchmen	1,200 00	200 00	

Statement of the organization of the board of public works, &c.—Continued.

Rank and office.	Compensation.			
	Per annum.	Per diem.	Total for one month.	Total for each office.
<i>Watchmen—Continued.</i>				
One watchman.....		\$3 00	\$90 00	\$400 00
Do.....	\$750 00		60 00	
Do.....	600 00		50 00	
<i>Superintendent of property office.</i>				
One superintendent of property.....	2,200 00		183 34	1,478 66
One clerk.....	1,500 00		125 00	
Eight clerks.....	1,200 00		800 00	
One clerk.....	1,000 00		83 34	
Do.....	900 00		75 00	
Do.....		4 00	104 00	
Do.....		3 00	78 00	
Livery of horse.....			30 00	
<i>Superintendent of assessments.</i>				
One superintendent of assessments.....	2,500 00		208 33	1,229 99
One assistant superintendent of assessments.....	1,800 00		150 00	
One clerk.....	1,500 00		125 00	
Do.....	1,400 00		116 66	
Five clerks.....	1,200 00		500 00	
One clerk.....		3 00	78 00	
One messenger.....		2 00	52 00	
<i>Treasurer's office.</i>				
One messenger.....	720 00		60 00	110 00
Do.....	600 00		50 00	
<i>Paymaster's office.</i>				
One paymaster.....	2,500 00		208 33	252 33
One messenger.....	600 00		50 00	
<i>Auditor's office.</i>				
One auditor.....	3,000 00		250 00	1,200 00
One clerk.....	1,800 00		150 00	
Two clerks.....	1,500 00		250 00	
Four clerks.....	1,200 00		400 00	
One draughtsman.....	1,200 00		100 00	
One messenger.....	600 00		50 00	
<i>Attorney's office.</i>				
Two clerks.....	1,200 00		200 00	300 00
One clerk.....			50 00	
One messenger.....	600 00		50 00	
Total number of employes, 214.....				22,874 50

Statement of employees under the direction of the engineer of the District of Columbia, January 31, 1876, being about the average working-force throughout the year.

Rank and office.	Compensation.			Total for each office.
	Per annum.	Per diem.	Total for one month.	
<i>Engineer's office.</i>				
One assistant engineer.....	\$2,400 00	\$300 00	\$1,977 83
One chief clerk.....	1,980 00	.....	165 00
One clerk, class one.....	1,500 00	.....	125 00
Two clerks, class one.....	1,440 00	.....	240 00
One clerk, class two.....	1,300 00	.....	108 33
Four clerks, class two.....	1,200 00	.....	400 00
Two clerks, class two.....	960 00	.....	160 00
One messenger.....	720 00	.....	60 00
Two messengers.....	600 00	.....	100 00
One messenger.....	480 00	.....	40 00
One draughtsman.....	.....	\$5 00	120 00
Three draughtsmen.....	.....	3 20	249 60

Statement of employes, &c.—Continued.

Rank and office.	Compensation.			Total for each office.
	Per annum.	Per diem.	Total for one month.	
<i>Field parties.</i>				
One assistant engineer.....	\$2,000 00	\$166 66	\$2,100 64
Five levelers.....	1,600 00	.....	666 65
Four rodmen.....	.....	\$2 50	260 00
Four axemen.....	.....	2 00	208 00
One overseer.....	1,440 00	.....	120 00
Do.....	.....	5 00	130 00
Four overseers.....	.....	4 00	416 00
One sewer-tapper.....	600 00	.....	50 00
One driver.....	600 00	.....	50 00
<i>Surveyor's office, preparation of assessments, and examination of records.</i>				
One clerk.....	1,440 00	120 00	875 36
Two clerks.....	.....	4 00	208 00
Do.....	1,200 00	.....	200 00
Do.....	960 00	.....	160 00
One draughtsman.....	.....	3 20	83 20
One messenger.....	625 92	.....	52 16
One rodman.....	.....	2 00	52 00
<i>Property, material, and supplies.</i>				
One superintendent of property.....	1,980 00	165 00	650 20
One clerk, class two.....	1,200 00	.....	100 00
Two depot clerks.....	960 00	.....	160 00
One depot clerk.....	.....	3 20	83 20
Do.....	.....	2 00	52 00
Two watchmen.....	.....	1 50	50 00
<i>Inspector of buildings, public buildings, and wharves.</i>				
One inspector of buildings.....	1,800 00	150 00	470 30
One janitor.....	720 00	.....	60 00
Two watchmen.....	600 00	.....	100 00
Four laborers.....	480 00	.....	160 00
<i>Gas.</i>				
One overseer.....	1,200 00	100 00	280 00
Four lamp-lighters for Georgetown.....	480 00	.....	160 00
<i>On detached duty with sinking-fund commission.</i>				
One overseer.....	4 00	104 00	144 00
One messenger.....	480 00	.....	40 00
<i>Superintendent of repairs.</i>				
One overseer.....	5 00	130 00	208 00
One clerk.....	.....	3 00	78 00
Livery of two horses.....	50 00	50 00
Total.....	6,702 20
Total number of employes, 77.				

WATER REGISTRAR'S OFFICE.

Month of June, 1874.

	Per annum.	Per month.
Water registrar.....	\$3,000 00	\$250 00
Inspector and tapper.....	1,800 00	150 00
One clerk.....	1,800 00	150 00
Do.....	1,500 00	125 00
Do.....	1,200 00	100 00
Total.....	9,300 00	775 00

WATER-REGISTRAR'S OFFICE.

Month of January, 1876, (average force.)

	Per annum.	Per month.
Water-registrar.....	\$2,400 00	\$200 00
One clerk	1,440 00	120 00
Two clerks	2,400 00	200 00
One clerk	1,123 20	93 60
Do.....	960 00	80 00
Total	8,323 20	693 60

Cost for month of June, 1874.....	\$775 00
Average diminution of expenses per month	81 40

Comparative statement of the expenses and revenues of the several markets under the direction of the engineer, for the periods of administrations of the Commissioners of the District of Columbia and of the territorial government.

Markets.	Expenses for one year.	Revenues for one year.
ADMINISTRATION OF THE COMMISSIONERS OF DISTRICT OF COLUMBIA, FROM NOVEMBER 30, 1875, TO NOVEMBER 30, 1876.		
Western	\$1,200 00	\$3,433 26
Northern	2,100 00	4,583 32
Eastern and Northeastern	1,974 00	2,670 16
Georgetown	1,160 00	2,310 00
Total	6,434 00	12,996 74
ADMINISTRATION OF TERRITORIAL GOVERNMENT, APPROXIMATED FOR THE FISCAL YEAR 1873-'74.		
Western	1,225 92	1,858 92
Northern	2,156 04	1,589 26
Eastern and Northeastern	2,263 92	3,065 14
Georgetown	1,783 92	1,284 26
Total	7,429 80	7,807 58
RECAPITULATION.		
Commissioners of District of Columbia	6,434 00	12,996 74
Territorial government	7,429 80	7,807 58
Diminution of expenses	995 80	
Increase of revenues		5,187 86

Daily report of the salaries of officers under the direction of the engineer of the District of Columbia, November 30, 1878.

	On duty.	Absent.		Cost this day.	Cost since July 1, 1878.	Total.	Aggregate.	Remarks.
		With leave.	Without leave.					
<i>Engineer's office.</i>								
One assistant engineer				\$7 69. 6	\$993 30. 30	\$1, 000 00		
Chief clerks				9 42. 8	1, 315 57. 18	1, 325 00		
Two first-class clerks				7 04. 16	1, 388 95. 10	1, 378 00		
Two second-class clerks				3 90. 13	755 68. 13	758 69		
One draughtsman				4 23. 2	685 76. 24	630 00		
Two messengers								
<i>Field parties.</i>								
One second-assistent engineer				6 41	296 89	833 30		
Two levelers				10 25. 16	1, 569 70. 10	1, 599 96		
Two rodmen				5 00	782 50	787 50		
Two axmen				3 97. 10	683 69. 16	687 87		
Six overseers				29 30. 19	3, 145 17. 7	3, 167 45		
One driver				1 92. 8	248 07. 18	250 00	\$12, 156 00	
<i>Water department.</i>								
One water registrar				7 69. 6	993 30. 90	1, 000 00		
Office force				11 53. 29	1, 875 66. 4	1, 887 20		
<i>Surveyor's office.</i>								
One surveyor				98. 4	74 03. 92	75 00		
Eight clerks				20 51. 7	3, 596 47. 19	3, 625 99		
One draughtsman				3 90	368 00	371 90		
Rodmen					106 00	106 00		
Two messengers				3 84. 16	400 47. 10	404 32		
<i>Property, material, and supplies.</i>								
One superintendent of property				5 76. 24	884 22. 2	890 00		
Clerks					820 00	900 00		
One clerk at property-yard				3 07. 16	829 50	835 60		
Two laborers at property-yard				3 46. 4	518 53. 22	522 00		
							4, 583 51	
								For livery of horse. Employed on assessments and examining records for District of Columbia.
							2, 387 60	

REPORT OF THE COMMISSIONERS OF

WATER-REGISTRAR'S OFFICE.

Month of January, 1876, (average force.)

	Per annum.	Per month.
Water-registrar.....	\$2,400 00	\$200 00
One clerk	1,440 00	120 00
Two clerks	2,400 00	200 00
One clerk	1,123 20	93 60
Do.....	960 00	80 00
Total	8,323 20	693 60

Cost for month of June, 1874..... \$775 00
 Average diminution of expenses per month 81 40

Comparative statement of the expenses and revenues of the several markets under the direction of the engineer, for the periods of administrations of the Commissioners of the District of Columbia and of the territorial government.

Markets.	Expenses for one year.	Revenues for one year.
ADMINISTRATION OF THE COMMISSIONERS OF DISTRICT OF COLUMBIA, FROM NOVEMBER 30, 1875, TO NOVEMBER 30, 1876.		
Western	\$1,200 00	\$3,433 36
Northern	2,100 00	4,583 32
Eastern and Northeastern	1,974 00	2,670 16
Georgetown	1,160 00	2,310 00
Total	6,434 00	12,996 74
ADMINISTRATION OF TERRITORIAL GOVERNMENT, APPROXIMATED FOR THE FISCAL YEAR 1873-'74.		
Western	1,225 92	1,858 92
Northern	2,156 04	1,599 36
Eastern and Northeastern	2,263 92	3,065 04
Georgetown	1,783 92	1,244 36
Total	7,429 80	7,767 68
RECAPITULATION.		
Commissioners of District of Columbia	6,434 00	12,996 74
Territorial government	7,429 80	7,767 68
Diminution of expenses	995 80	
Increase of revenues		5,187 86

Daily report of the salaries of officers under the direction of the engineer of the District of Columbia, November 30, 1876.

	On duty.	Absent.		Cost this day.	Cost since July 1, 1876.	Total.	Aggregate.	Remarks.
		With leave.	Without leave.					
<i>Engineer's office.</i>								
One assistant engineer				\$7 62.6	\$992 30.20	\$1,000 00		
Chief clerks				9 42.8	1,215 37.18	1,225 00		
Two first-class clerks				7 04.16	1,268 95.10	1,276 00		
Two second-class clerks				3 20.13	755 68.13	758 89		
One draughtsman				4 23.2	695 76.24	630 00		
Two messengers								
<i>Field parties.</i>								
One second-assistant engineer				6 41	296 89	833 30		
Two levelers				10 25.16	1,569 70.10	1,569 96		
Two rodmen				5 00	782 50	787 50		
Two axmen				3 97.10	623 69.16	627 87		
Six overseers				22 30.19	3,145 17.7	3,167 48		
One driver				1 92.8	248 07.18	250 00	\$12,156 00	
<i>Water department.</i>								
One water registrar				7 69.6	992 30.20	1,000 00		
Office force				11 53.22	1,875 66.4	1,887 20	2,887 20	
<i>Surveyor's office.</i>								
One surveyor				96.4	74 02.22	75 00		
Eight clerks				20 51.7	3,596 47.19	3,625 99		For livery of horse. Employed on assessments and examining records for District of Columbia.
One draughtsman				3 20	368 00	371 20		
Rodmen					106 00	106 00		
Two messengers				3 84.16	400 47.10	404 32	4,582 51	
<i>Property, material, and supplies.</i>								
One superintendent of property				5 76.24	824 23.2	830 00		
Clerks					200 00	200 00		
One clerk at property-yard				3 07.18	832 50	835 60		
Two laborers at property-yard				3 46.4	514 53.22	522 00	2,387 60	

For livery of horse.
Employed on assessments and examining
records for District of Columbia.

Daily report of the salaries of officers under the direction of the engineer of the District of Columbia, November 30, 1876—Continued.

	On duty.	Absent.		Cost this day.	Cost since July 1, 1876.	Total.	Aggregate.	Remarks.
		With leave.	Without leave.					
<i>Inspector of buildings, public buildings, and wharves.</i>								
One inspector of buildings	\$6 73. 2	\$668 96. 24	\$675 00		
One assistant	4 46. 18	345 49. 8	349 98		
Clerks	27 50	27 50		
One janitor for District offices	2 30. 20	297 69. 6	300 00		
Two watchmen	3 84. 16	496 15. 10	500 00		
Two laborers	3 07. 18	556 92. 8	560 00		
							\$2, 612 48	
<i>Gas.</i>								
One overseer in charge	2 56. 10	397 41. 16	399 98		Lamp-lighters in Georgetown.
Four lamp-lighters	6 15. 10	793 84. 16	800 00	1, 199 98	
<i>Markets.</i>								
Four market-masters	20 62. 3	2, 660 12. 23	2, 660 75		Includes allowance for gas.
Laborers		
Watchmen		
Horses and carts		
<i>On detached service.</i>								
Clerks		
Overseers	912 00	912 00	299 00	
Messengers	80 00	80 00		
				10	26, 598 20. ¹⁶ / ₁₀₀	26, 798 53	26, 798 53	
Aggregate	200 31. ⁵⁶ / ₁₀₀				

IX.—REPORT OF THE ATTORNEY.

OFFICE OF ATTORNEY FOR THE DISTRICT OF COLUMBIA,
Washington, D. C., November 25, 1876.

To the United States Commissioners of the District of Columbia :

Until the first of the present month, the law-business of the District was conducted by E. L. Stanton, esq., whose long practical experience in the affairs of the District government, and thorough familiarity with the complex laws regulating them, gave great value to his professional services.

The business of the office has steadily increased. Although more than one hundred appealed cases, and more than thirty originating in the supreme court of the District, have been disposed of, about two hundred are still pending, most of them in equity.

The number of municipal cases disposed of in the police court, with the fines and forfeitures, for the respective years ending November 15, 1875, and November 15, 1876, are as follows :

	1875.	1876.
Number of cases	4, 867	5, 088
Convictions	4, 405	4, 584
Acquittals	217	439
Dismissed by attorney	245	65
Appealed to District supreme court	120	61
Fines imposed	\$21, 941 50	\$24, 442
Collateral forfeited	6, 947 00	6, 872

The 4,584 convictions were distributed as follows among the different classes of offenses :

Disorderly	1, 774
Profanity	1, 073
Vagrancy	619
Carrying concealed weapons	117
Trespass on parking	121
Indecent exposure	110
Selling liquor without license	74
Other violations of license-laws	91
Keeping bar open on Sunday	44
Throwing stones in the street	94
Violations of cart-law	27
Driving on footway	22
Driving through procession	2
Contempt proceedings	6
Injuring property	48
Keeping bar open at unlawful hours	6
Dog-law	50
Tying horses to trees	9
Firing guns in the street	15
Unguarded excavations	10
Fast driving	23
Setting up gambling devices	2
Violating hack-law	29
Giving false alarm of fire	2
Maintaining cow-stable near dwelling	7
Unlawful excavations	4
Selling short weight	32
Enticing prostitution	99
Obstructing the street	4
Tapping sewer without permit	13
Playing ball in street	9
Cruelty to animals	3
Setting off fire-works in the street	6
Nuisance-laws	2

Violating game-laws	11
Failure to remove snow	3
Using street-washer at unlawful hours	15
Bathing in the river at unlawful hours.....	1
Refusing to assist officer.....	1
Flying kite in street	2
Taking sand without permit.....	4

4,584

In his report of 1875, Mr. Stanton pointed out the necessity of a careful revision of all the municipal ordinances. That necessity still exists. Faithful efforts for more than two years to enforce the laws for licensing trades have not been successful, except to a limited extent. I am convinced that the licensing system, except for those branches of business requiring police supervision, should be abolished. It is unequal in its bearings upon different occupations, oppressing some and not taxing others. It is particularly oppressive to produce dealers. It is unequally enforced, giving opportunities for favoritism and annoyance. At the best, it is vexatious to business men. Congress abolished it in July last in regard only to wagons and carts and dealers in merchandise not specifically mentioned. The extent of the harassing litigation growing out of the license system can be seen in the above table. One hundred and eighteen persons have been prosecuted during the past year for following legitimate trades without taking out a license.

The present system of licensing establishments for the sale of liquor requires revision. For purposes of regulation and of revenue it is a failure. Although seventy-four convictions have been had during the year, it is notorious that the unlicensed saloons are more numerous than the licensed; and the revenue raised does not equal the tithe of the expenses incurred in the prosecution and punishment of the misdemeanors and crimes caused by the sale of liquor. No improvement need be expected in this matter until the license-tax is greatly increased, and the same power to seize proofs of illegal sale given to the police as in the case of gambling-saloons.

I take pleasure in bearing testimony to the efficiency of the police court in enforcing the laws and ordinances. In the last year it has disposed of—

Municipal cases	5,088
United States misdemeanor cases.....	3,463
Total.....	8,551

In the District cases, only sixty-one appeals were taken. A similar court for petty civil cases would be a desirable substitute for the present most unsatisfactory system of fifty justices and numerous constables.

The whole amount of money collected during the year in municipal cases, and paid into the District treasury, is \$25,068.34.

The difficulties in the legal methods of enforcing the rights of the public in regard to nuisances merit mention. Certain powers in this respect are conferred upon the Board of Health, chiefly by section 26 of the act of February 21, 1871; and upon the Metropolitan Police, chiefly by sections 380-385 of the Revised Statutes of the District of Columbia; but the language in which they are conferred is so vague as to cause wide differences of opinion as to its meaning. The legality of the ordinances of the board of health, and the jurisdiction of the police court for their enforcement, are constantly disputed. Under the present laws nuisances pronounced at the common law injurious to health can be reached; but it is almost impracticable to effect the abatement, within

the city limits, of offensive and unwholesome trades, and quite so to effect summarily the abatement of nuisances dangerous to life and limb. It is within the power of the board of health to make and enforce regulations to prevent domestic animals from running at large in Washington and Georgetown; but no power is vested in either the board of health, the board of police, or the District Commissioners to prevent persons from driving herds of cattle through any street or avenue, or to prevent cattle from running at large in our populous suburbs. Nor is there sufficient provision of law to secure the draining of lots in the vicinity of sewers, or the filling of vacant lots made offensive by stagnant water. In the case of nuisances existing on property belonging to a non-resident, when no agent can be found on whom to serve process, there is no recourse by the public against the owner for the recovery of the expense incurred in abating them.

But one litigated case has arisen under the personal-tax law for the current fiscal year. In that one the equity court sustained the law by ordering a trustee to return his schedule under it.

A few months ago a citizen of Georgetown, on behalf of himself and other users of aqueduct water in that locality, filed a bill in the equity court claiming a right to use that water, rent free forever, by virtue of an alleged contract to that effect with the United States, and praying an injunction against the District Commissioners to restrain them from executing that part of the law of July 12, 1876, which extends the water ordinances of Washington City over Georgetown. On full argument the injunction *pendente lite* was refused.

The decision of the United States Supreme Court in the Barnes case, (see 91 U. S. Reports,) that the District is responsible for damages caused by the neglect of the board of public works to keep the streets and avenues of Washington in repair, will cost the District some heavy sums. In the Barnes case damages and costs amounted to nearly \$4,500. (To recover this sum I have brought suit for the District in the name of the Baltimore and Potomac Railroad Company, which made the excavation into which Barnes fell.) In the case of Dant the jury gave a verdict of \$5,000. Several similar suits are pending, in some of which \$25,000 damages are claimed. In view of the great extent of the avenues and streets of Washington, the inequalities of its surface, and the number of streams which intersect and bound it, the application to the District government of the doctrine of responsibility for all accidents caused by non-repairs will compel the levy of a large tax to meet the verdicts for damages. If the responsibility is to extend to all the roads of the District and the streets of Georgetown it may become oppressive. This subject deserves your careful consideration.

The building regulations made by the late board of public works have been sustained by the equity judge in the case of *The Commissioners, &c., vs. Davis & Medler*, on demurrer to the bill.

These regulations, being imperfect in some respects, were, in 1875, referred by you for revision to a committee consisting of practical builders, the inspector of buildings, the engineer, and assistant attorney. This committee did its work thoroughly and reported the result. I respectfully recommend the adoption by you, under the powers conferred in the 37th section of the organic act of 1871, of the building regulations as revised; and I would suggest that you ask Congress to ratify them, and give to the police court and the District supreme court power to enforce them in a summary manner, on rules to be adopted by the latter. This is a matter which is of importance to the architecture of

the capital, the preservation of the avenues and streets from encroachment, and the personal safety of the inhabitants in their dwellings.

The laws regulating assessments for street improvements have given rise to litigation in numerous suits, which are still pending. The long-established method of assessing by frontage often operates inequitably; in the case of the triangular lots, made by the intersection of avenues with streets, it sometimes amounts to virtual confiscation, the assessment exceeding the value of the lot.

The question is often raised whether the assessed property is "especially benefited" by the street improvements, it not being enough, under the law, that it is adjoining.

The exemption from assessment of "churches and school-houses, and all buildings, grounds, and property appurtenant thereto and used in connection therewith," is a large factor in the lawsuits about assessments. On one side, it is claimed that, under the 147th section of the Revised Statutes and similar provisions of law, parsonages near the church or distant from it, extensive church-yards or school-grounds, vacant lots or lots covered with business or dwelling houses, if owned by a church society or used for school purposes, and all furniture used in churches and schools, are exempted from all taxes or assessments, national or municipal. Proprietors who rent buildings for use as churches or schools claim that this property is exempt. On the other side, it is claimed by citizens that their burden of assessments is greatly increased by the exemption of church and college and school property aggregating several millions in value; that the churches and colleges sometimes extend in frontage over the greater part or the whole of a square, and that their proportion of assessments, sometimes amounting to several thousand dollars, is thrown upon their neighbors; that lots held for rise in price are shielded by church ownership from taxation; that speculators put cheap church or school buildings upon vacant lots, rent them at a good price, and escape their share of the public burden; that many other frauds are perpetrated under cover of this exemption; and that the compulsion of citizens to pay the share of taxes which ought to be paid by the owners of church property is a species of indirect legislation for religion and is unconstitutional. These questions are involved in cases now pending either in general or special term. It is certain that litigation on this subject will continue so long as Congress shall exempt from taxation the large and rapidly increasing real estate owned or occupied in this District by churches, and that there will be delay and loss in the collection of the taxes. The whole subject of assessments for local improvements needs re-adjustment on equitable principles. A system tolerating no exemptions whatever, except of public cemeteries, would be of comparatively easy administration.

The case of *Columbus Alexander vs. The Commissioners* was a suit in equity to enjoin the sale of a lot belonging to the complainant, for the purpose of satisfying an assessment made by the late board of public works for special improvements. The points made for defendants were as follows:

1. The legislative assembly had power to make taxes and assessments a lien on land.

2. The act prescribing the mode of assessment is valid, and its validity has been repeatedly recognized by Congress.

3. The objection that the amount expended in front of the lot was greater than the sum appropriated by law, if true, admits a benefit greater than the law designed. Complainant asks, therefore, that he be relieved from paying anything whatever as a contribution for the benefit

to his property. This is not ground for equitable interference. Besides, the law was not exceeded in the making of the improvement or its cost, and equity ought not to interfere on the score of errors or irregularity in the assessment.

This case was argued several weeks ago in general term, but has not yet been decided. The decision in this case will probably govern the action of the court in a large number of similar suits.

In the case of William J. Murtagh against the District, the plaintiff, proprietor of the Daily National Republican, sued for publishing in that paper a list of the taxes and the property upon which the same were assessed, said publication being alleged to have been made twice a week for four successive weeks. The defendant demurred, on the ground, substantially, that various acts of Congress authorized the publication of a list of various taxes in arrears on June 1, 1875, and no other list, and the Commissioners had no other authority to contract for the publication of any different list. Section 13 of the act of March 3, 1875, authorized that said list of taxes in arrears should be published only twice a week for two successive weeks, while the plaintiff declared on eight insertions in three weeks. This demurrer was sustained in the court below, and an appeal was taken by the plaintiff to the general term. This is the second time that a demurrer to plaintiff's declaration has been sustained. It is believed, moreover, that there exists also a good defense by the District on the merits.

In the case of the Washington and Georgetown Railroad Company against the District, the plaintiff sued the District for laying a sidewalk, &c., from First street to New Jersey avenue, on B street, in pursuance of a circular-order from the board of public works; counsel for the District demurred, mainly on the ground that section 6 of the act of Congress of May 8, 1872, (17 Stat. at L., page 83,) enlarged the public grounds around the Capitol, and included the portion where the plaintiff laid its sidewalk. The sundry civil appropriation act of March 3, 1873, (17 Stat. at L., page 519,) appropriated for grading and paving around the Capitol. The law provided that the streets should be improved, not by the municipality but by the United States. The board of public works had therefore no authority of law for charging any portion of the expense to the District or to assess any portion of it on private property, and the subject-matter was beyond the contracting power of the board or the municipality. The court sustained the demurrer.

In the case of Adolf Cluss, for the use of the commissioners of the Freedman's Bank, against the District, plaintiff sued to recover the value of his services for plans, specifications, and services furnished and rendered upon and on account of the buildings for colored schools in the District. The demurrer was overruled on the ground that the board of trustees for colored children were subordinate municipal officers. This decision followed the principle of that of the United States Supreme Court in the case of Barnes against the District; a good defense exists, however, on the merits of this case.

In the case of F. P. Sawyer against the District, plaintiff sued for the violation of two contracts, in both of which the contracting parties were the board of health of the District and F. P. Sawyer. Both instruments were signed by the plaintiff and by C. C. Cox, president of the board of health. The plaintiff made these contracts a part of his declaration. Counsel for the District demurred on the ground that the contracts did not purport to be made by or on behalf of the District of Columbia, but by and in behalf of the board of health, and that the contract of that board is not in law a contract of the District. The

court below sustained the demurrer, and on appeal of plaintiff to the general term the demurrer was again sustained.

In several of the late cases brought against the District, the legal powers of the Commissioners and their relations to the corporation will necessarily be passed upon by the court. Also, the nature and extent of the powers of the late board of audit, and whether its jurisdiction over the classes of claims committed to it for audit for settlement was exclusive and its decision final. If this should be held by the court, an immense amount of litigation will be saved to the District. There are two classes of claims whose legal status has not been precisely defined, either by statute or by the courts; the first for work done under contracts with the late board of public works, in which final measurements were made, but which were not audited by the board of audit; the second, in which certificates were issued by that board, but not converted into 3.65 bonds before the act of March 14, 1876. Most of these claims are meritorious. The only question is who shall pay them. Definite legislation on this point would prevent numerous suits.

The suit against James A. Magruder, and against the contractors who failed to repair the pavements, have not been reached for trial. They were promptly placed upon the trial calendar. The sum of \$47,285.76 will be demanded from the defendant, Magruder, as suggested in a report made to the House of Representatives. Certain fraudulent pay-rolls, mentioned in the testimony taken before the House Committee on the District, have been obtained by me from the files and are held for production before the grand jury. I have so notified the United States attorney for the District.

A balance of \$10,041 and some interest is due on the accounts of the late District treasurer. I expect to be able to report, in a few days, that this amount is either paid or amply secured.

The "wharf cases" are still pending in the courts. If litigation on this subject is to be ended, there should be definite legislation for the purposes of testing in the courts the validity of the patent issued for what is known as "Kidwell's Bottoms;" for conferring upon the District executive full and clear authority in regard to the wharf-front on the Potomac, and private and public wharves, and for securing to the national capital free wharves of ample extent for its future commerce.

At present the Commissioners have no legal power to make the regulations required for the extensive wharfage adjoining the public streets on the Potomac, or for that created by the recent improvements on the James Creek Canal.

Respectfully submitted.

WILLIAM BIRNEY,
Attorney for the District of Columbia.

X.—REPORT OF COMMISSIONER OF WASHINGTON ASYLUM.

OFFICE OF THE COMMISSIONER
OF THE WASHINGTON ASYLUM,
Washington, November 25, 1876.

GENTLEMEN: I respectfully submit the following report in reference to the Washington Asylum for the year ending November 15, 1876:

THE ALMSHOUSE.

On the 1st of November, 1875, there were 155 inmates in the alms' house. Admitted since, 456; born, 20; making a total of 631. Of this number there were discharged 366; died, 96; making a total of 462. Number of inmates now in the almshouse, 169. Of the 456 admitted since November 1, 1875, 271 were males and 185 females; 244 were colored and 212 white. Of the 456 admitted, 148 were born in Virginia; 91 in Maryland; 85 in the District of Columbia; 1 in Ohio; 1 in New Hampshire; 1 in Alabama; 12 in New York; 4 in South Carolina; 2 in Kentucky; 13 in Pennsylvania; 3 in North Carolina; 4 in New Jersey; 2 in Maine; 1 in Arkansas; 2 in Connecticut; 1 in Illinois; 1 in Massachusetts; 1 in Rhode Island; 51 in Ireland; 11 in Germany; 3 in Poland; 2 in Switzerland; 9 in England; 1 in Canada; 2 in Prussia; 1 in Scotland; 1 in Wales; 1 in France, and 1 in Portugal. As will be seen by the above, 85 of those admitted during the year were born in the District. Seventeen States of the Union and five foreign countries contribute their quota to swell up this exceedingly large number of inmates.

The reports of the intendant and matron, which are annexed, give in detail the workings of the institution.

GEORGETOWN ALMSHOUSE.

The Georgetown almshouse, which is the property of the District, was two years ago, by authority of the honorable Commissioners, permitted to be used for the purposes of the Georgetown Industrial School. We have there twelve aged and indigent poor, for whose support the District pays a monthly sum agreed upon.

THE WORKHOUSE.

On the 1st of November, 1875, the number of prisoners confined in the workhouse was 150; received since, 2,099; making a total of 2,249. Discharged during the same period, 2,000; eloped, 79; died 6; total, 2,085. Number now in workhouse, 164. Of the 2,099 admitted since November 1, 1875, 1,612 were males; 487 females; 1,156 were colored and 943 were white. Of the 2,099 admitted, 532 were born in the District of Columbia; 385 in Maryland; 621 in Virginia; 6 in Connecticut; 2 in Georgia; 9 in South Carolina; 9 in Ohio; 4 in Texas; 68 in Pennsylvania; 65 in New York; 18 in Massachusetts; 6 in Maine; 12 in New Jersey; 3 in West Virginia; 6 in Kentucky; 5 in Rhode Island; 7 in North Carolina; 1 in California; 2 in Delaware; 3 in Alabama; 3 in Louisiana; 3 in Tennessee; 6 in Indiana; 2 in New Hampshire; 2 in Illinois; 2 in Florida; 1 in Vermont; 3 in Michigan; 1 in Arkansas; 1 in Mississippi; 181 in Ireland; 38 in England; 39 in Germany; 3 in France; 4 in Denmark; 1 in Prussia; 16 in Scotland; 7 in Switzerland; 1 in Hamburg; 1 in Mexico; 1 in Russia; 4 in Canada; 1 in West Indies; 1 in Newfoundland; 3 in Sweden; 6 at sea; 1 in South America; 1 in Wales, and 1 in Italy. Of the 2,099, 490 were committed for profanity; 563 for vagrancy; 752 disorderly conduct; 89 carrying concealed weapons; 41 throwing stones in the street; 52 indecent exposure; 3 selling liquor without license; 11 enticing prostitution; 2 fast driving; 1 injury to tree-boxes; 2 kindling fire in the street; 6 disorderly assembly; 1 peddling without license; 2 notorious thieves; 1 depositing the contents of a privy in the city without per-

mit; 1 driving on footway; 1 disturbing theatrical performances; 29 trespassing on park; 2 injuring public property; 16 injuring private property; 1 injuring trees and seats in public parks; 1 obstructing streets; 1 obstructing pavement; 2 playing ball in the street; 1 disturbing the peace of Georgetown; 2 violating market regulations; 1 injuring trees in public streets; 1 carrying on business without license; 2 disorderly in the market; 3 violating cart-law; 3 disturbing church; 1 injuring street lamps; 1 unlicensed wagon; 1 raising false alarm; 1 taking sods from a public alley; 2 excavating a street; 1 violating a dog law; 1 violating a license law; 4 profane and indecent language; 2 injuring a building; 1 forestalling a market; 1 firing a gun in the street. Of these 2,099, 56 were thirteen years and under; 185 were sixteen and under; 209 were eighteen and under; 413 were twenty-one and under; 612 were thirty and under; 307 were forty and under; 215 were fifty and under; 66 were sixty and under; 27 were sixty-eight and under; 6 were seventy-six and under, and 3 were ninety-seven and under.

THE OLD JAIL.

As is well known, during former years the building known as the Washington Asylum was devoted to the dual use of an almshouse and prison, the north side or wing being used for the incarceration of criminals. The large increase of both classes of inmates rendered it absolutely essential that some change should be made. On the prison or workhouse side, there were nearly often two hundred men and women huddled in such narrow limits that it was next to impossible to preserve the cleanliness of the place, and at any moment it was probable an epidemic disease might ensue. How to provide for this class of unfortunates was a question. There was no building owned by the District government ample to accommodate them, and, as a last resort, your honorable body obtained permission from Congress to use the old jail as a temporary work-house or city prison. The prisoners were promptly removed thereto, and it is still used for that purpose. Later in the session a bill was introduced in both houses of Congress turning over the old jail building to the District, with the condition that it should be torn down and the material used in the construction of a new building for work-house purposes. There was an appropriation of \$9,000 added, but owing to a disagreement between the houses on the terms of the bill, and by its failure to reach a conference committee, the entire proposition failed. As a new jail building must be speedily constructed, I respectfully urge upon your honorable body the necessity of presenting the facts in the case to Congress as soon as it shall have re-assembled, for the purpose of securing the immediate passage of a bill authorizing you to tear down the old jail and erect with the material taken therefrom a new one on the grounds of the Washington Asylum, which building shall at once be safe and commodious enough for the present as well as the future wants of the District in this respect. In this work the labor of the prisoners can be utilized, and with but little outlay of money one of the most pressing needs of the District can be secured.

PRISON LABOR.

From the organization of the work-house an effort was made to utilize, as far as possible, the labor of the inmates. In the early days they were compelled to work on the grounds connected with the institution

then known as "the farm," as well as perform such work about the premises in the shape of repairs, &c., as they could do.

After the change in the form of government they were required to work at grading certain streets in the vicinity of the asylum, and now a portion of them are detailed daily to work in various localities, under the direction of the superintendent of streets. The amount of labor they perform, or the character of it, I am unable to state, but I am not satisfied that working the prisoners on the streets in work-house garb, in what is called a "chain-gang," is exactly the spectacle to be presented in the capital city of the United States. The terms for which they are imprisoned are too short to instruct them in the branches of mechanics usually pursued in prisons, but it is possible to devise some method of employing them within the grounds of the jail, or in the immediate vicinity. A serious objection to placing these men on the street is to be found in the fact that in very many instances they are sentenced for thirty days for a first offense, which is often of a trivial character. The majority of the cases are charged with intemperance, loud and boisterous language, or alleged vagrancy. They are arrested in the night, and in the morning, before they have an opportunity of sending for friends, if they have any, they are tried, and the offense being proven, in default of payment of the fine imposed they are sent to the work-house. The fault in these cases is not with the court, as it simply administers the law; but it is an unnecessary degradation in very many cases, some of which have come under my personal observation, to clothe these men in the criminal's dress, and compel them, thus attired, to work under the supervision of an official overseer on the highways. The reverse of this class are a number of vagrants and drunkards, who are almost habitual inmates of the workhouse. As the law now stands they cannot be sentenced for a longer period than ninety days, but I recommend that the law be changed, so that this class can be incarcerated for a period of a year or more. I also recommend that, when the new jail is built, a portion of it be fitted up as a work-shop, in order that their labor may be utilized, as we could then compel them to work, and, while protecting the public from such pests, make their incarceration in a measure remunerative.

POTTER'S FIELD.

Attached to the asylum is the burial-ground for paupers and unknown dead, commonly known as "potter's field." More than a year ago this ground, after being thoroughly cleaned, was laid out as a cemetery for the poor, being divided into grave-sites and sections, and the entire portion was inclosed with a neat and substantial fence. A record of the deaths and burials, giving name, date of burial, and such other facts as can be ascertained, was established, so that, notwithstanding the statement of the coroner of the District in his recent report to the contrary, all the necessary data concerning each person interred therein can readily be ascertained at this office. Further than this, since the change was made in the cemetery each body buried has remained, the graves being carefully guarded against desecration.

SMALL-POX HOSPITAL.

The small-pox hospital is still located in the frame building situated about 1,200 feet northeast of the asylum proper. In my last report I cited the fact that this building was old and unfitted for the purposes to which it is devoted, and recommended that a site more isolated be

selected and a building erected expressly for the purpose. That recommendation I earnestly renew, as in the event of the loathsome disease becoming epidemic the present hospital is too near the jail and asylum, and its accommodations inadequate.

THE HOSPITAL.

The hospital, consisting of one new wooden and four old buildings, is now in excellent condition. The particulars of its management are given in the report of Dr. William M. Page, the visiting physician, hereto annexed. His recommendation for the erection of an additional ward on the north side of the yard, at right angles with the two male wards, meets my approval, and I urge that as soon as spring opens the work be commenced.

REFORMATORIES.

Under date of March 6, 1876, I called the attention of your honorable body to the fact that many women in this District spent a large portion of their time in the work-house as prisoners, and suggested a remedy in a communication of which the following is a copy :

To the Hon. COMMISSIONERS, D. C. :

GENTLEMEN: I have the honor to state that there are now confined in the work-house of this District a number of women for the crime of "vagrancy," enticing prostitution, and the like. These poor creatures repeat their offenses so often that the majority of their lives are passed in the work-house, during which no special effort is made toward their reformation, nor are the influences or the surroundings of a work-house calculated to direct a change in their mode of life; in other words, they are poor outcasts, heartily shunned by their own sex and abandoned by the other.

The object of this communication is to call your attention to the necessity existing for a reformatory institution of some kind, under the direct control of the District government, where these women can be sent and cared for, and where their time and labor can be utilized both to themselves and the State, and where a special effort can be made and certain influences thrown around them looking to a change and reformation in their lives, and molding their minds and character toward a happier and better end.

To do this would require a separate and distinct building; such a building the Government owns and possesses. I refer to the one known as the Georgetown Almshouse, a large and commodious brick building, surrounded by grounds beautifully situated, a little outside of Georgetown; the locality is healthy, and while isolated from the city proper, is yet not so far as to be inaccessible to all who may desire to visit it. Five thousand dollars expended in repairs and furniture would be ample to make it suitable for fifty persons, and ten thousand dollars for the first year would cover the expense of food, clothing, medicines, salaries, and such machinery and fixtures as might be needed for the establishment of several branches of trades. In connection with this communication, I take the liberty of transmitting a draft of a bill covering the points in this letter. If it meets your approval, I ask that it be revised by your honorable body to make it as near perfect as possible.

Very respectfully,

TIMOTHY LUBEY,
Commissioner, W. D.

Since that time the truth of the statement and the urgent need of some prompt measures for the relief of this unfortunate class has been daily brought to my attention as commissioner of the Washington Asylum, and I beg leave again to renew the recommendation contained in the above. The following statement of the period which twenty-six of these persons have passed in the work-house, under sentence for the crime of vagrancy, prostitution, &c., is a startling exhibit, and should commend the subject to your careful and earnest consideration.

Statement of periods which twenty-six females, sentenced at various times for vagrancy, enticing prostitution, &c., have served in the work-house during the years 1875 and 1876.

Name.	Nativity.	Color.	Age.	Period of service.	
				1875.	1876.
				Days.	Days.
Mary Nuttrel	Maryland	White	45	330	240
Teresa Johnson	do	do	6J	220	250
Maria Mariana	Ireland	do	30	280	120
Mary Albert	do	do	40	160	210
Lucy Rivers	Virginia	Colored	35	220	60
Fanny Belmont	Maine	White	34	290	90
Bridget Welsh	Ireland	do	36	230	180
Julia Banks	Virginia	Colored	20	90	260
Mary Keenan	Ireland	White	46	240	80
Annie Morrison	New Jersey	do	28	190	140
Henrietta Bruce	Virginia	Colored	17	200	90
Hannah Reeve	District of Columbia	White	26	150	160
Mary Welsh	do	do	23	140	220
Mary Moriarty	Ireland	do	40	130	220
Jennie Corcoran	Virginia	do	30	100	217
Mollie Johnson	England	do	27	150	180
Agnes White	Ireland	do	65	170	120
Clara Williams	Virginia	Colored	20	20	240
Kate Goelin	do	White	22	90	120
Alice Fitzgerald	Ireland	do	27	50	100
Kate Mullen	At sea	do	32	260	40
Margaret Thompson	Maryland	do	36	110	150
Delsey Adams	Virginia	Colored	18	60	130
Louisa Getz	do	White	45	97	120
Nettie Landheimer	New York	do	20	130	90
Kate White	District of Columbia	Colored	22	.....	197

Throughout this country and Europe a class of institutions, both penal and reformatory, for the benefit of girls and women, have been founded and fostered by the State with the most beneficial results, and the last reports from all agree that while they entail a necessary expense they have been the means of reclaiming many wayward girls, and reforming many outcast women. In all of them the inmates are required to perform some class of labor not inconsistent with their physical strength; for instance, paper-box making, sewing, knitting, laundry work, and in some, light gardening. In all they are required to do necessary house-work, sewing, repairing, washing, &c., of the institution. Long ago the managers of these institutions discovered that moral suasion was a more potent power for good than harsh measures, and all now agree that the only way to reform the wayward, vicious, and even criminal girl and woman, is to abandon the usual imprisonment system, to group them together, as it were, in a community, insist on the discipline essential to good government, require willing obedience to proper laws, provide such employment as will render the period of their detention less irksome, seek to impart to them such education as the elementary books afford, give them glimpses of the outer world through the columns of the daily press, feed their imagination by the reading of proper books, maintain and improve their physique by wholesome recreation, and above all, by the channel of religious instruction, to teach them the duty they owe society while on this earth, and lead them to a firm belief of their forgiveness and happiness in the world to come. By this means they have succeeded in the majority of cases in sending from the doors of their asylums women thoroughly reformed, who went forth with pride and self-reliance to become good and useful members of society, workers instead of idlers, and standing exemplars of the truism that human nature is never so depraved but that kindly efforts can redeem it.

While in most of the States this good work is being done, in this District we have lamentably fallen short of our duty. It is true that institutions of different character, supported by the contributions of individuals, and all charitable in their character, abound; it is also true that the District, as a government, has failed to perform its share of the labor, or contribute its quota of the expenses. What is needed is some immediate provision for the care of these females. As stated in the above letter, the present Georgetown Almshouse, with but moderate repair, could be made for the time being, at least, to answer all the purposes both of a penal and reformatory institution for women. If for any reason the Georgetown Almshouse cannot be converted to this use, some provision should be made for the erection of a suitable building, say on the grounds of the Washington Asylum, or if that is not practicable, when the new work-house or city prison is built, as built it must be at an early day, one wing should be devoted to this purpose.

Let me impress upon your minds the urgent need of such an institution, and the further fact that it should by all means be under the control of the state, which will have to support it, and not given in charge of well-meaning but irresponsible committees or individuals. While a general supervision of its working might be intrusted to several of the numerous philanthropic men and women of this city, its control should not be allowed to pass out of the hands of the District authorities.

The only institution for women, both penal and reformatory in its character, whose report has reached me, is located in Indianapolis, Ind., and this is but three years old. The report, however, is of the most gratifying character, and the officers are firm in the belief that it will grow in usefulness as it grows in years.

The last annual report of Sarah J. Smith, the superintendent, referring to the "prison department," says:

The prison department, under the able management of Mrs. E. L. Johnson, is admirably conducted. By her firmness and kindness she readily wins the respect and love of the prisoners, so that the most abandoned, accustomed to filthy language and loathsome habits, soon appreciate the clean garment and pleasant surroundings, and learn not only willing and cheerful obedience, but feel that work is a privilege and not a punishment. We find the system of shortening time for good conduct has had a good effect upon them, which clearly proves, however pleasant prison life may be made, liberty and social life is the great boon for which they strive. "What," will be asked, "has been the result of all this improvement in prison life?" We answer, "In most cases restored womanhood, to enter life again able to care for themselves, and not be a terror or an expense to society."

As bearing upon this subject I annex a carefully-prepared table, showing the character, cost of maintenance, and labor performed in nineteen penal and reformatory institutions in fourteen States of the Union. This shows in all but one the labor system has been introduced, and that although in two—the Catholic Protectory of West Chester, N. Y., and the House of Refuge of Indiana—the labor during the past year has proven unremunerative, it has generally been attended with good and gratifying results. Referring to these institutions in a carefully-prepared table in his last annual report, the Commissioner of Education shows the total number in the United States to be 56, employing 693 officers and teachers, and the number of inmates to be 10,848, of whom 7,951 are male, and 2,897 are female. The total annual cost for their support is fixed at \$1,541,799, of which sum the inmates by their labor earn \$305,127, besides performing the necessary work in and about the building.

PAUPERISM.

The following statistics on pauperism in the United States are taken from the latest authentic sources, and are worthy of perusal. In this country, pauperism has certainly been on the gradual increase for the past two decades; but the last census, according to competent authority, totally underrates the extent of the evil at that time. According to their figures, the average number of poor in our population, 38,558,371, was but 116,102; about the same number as in Scotland, with a population less than one-tenth as great. The sum reported as expended annually for the support of paupers in the whole United States was \$10,930,429; of which three States, New York, Pennsylvania, and Massachusetts, are reported as expending nearly one-half, \$5,039,018, in supporting less than 50,000 paupers during the year. Massachusetts, in the year 1874, expended on paupers nearly \$1,500,000. The average number of indoor poor was 6,000; of the outdoor poor, 10,500, and of the casual poor, vagrants, &c., about 500; making an average of 17,000 poor of all classes, something more than 1 in every 100 of the population. The indoor poor of the State of New York, in 1874, cost about \$3,250,000, and the outdoor poor about \$1,000,000. The indoor poor of Pennsylvania cost, in 1874, about \$1,170,000, and the outdoor poor \$330,000. The city of Philadelphia, with a population of 700,000, expended only about \$120,000 for outdoor relief, and less than \$500,000 for its poor of all classes.

The board of charities in New York City expended for outdoor relief, in 1874, less than \$150,000; yet the number on its outdoor sick-list was 83,309, who were attended by thirty physicians. The number of indoor sick cared for during the same year was 14,987, of whom only 4,169 were residents of New York.

In the city of New Haven, Conn., \$1,000 per week was expended during the winter of 1874 and 1875.

Rhode Island, in 1874, supported 900 indoor poor, at an expense of \$105,000, and expended about \$45,000 on the outdoor poor.

In the State of New York, there are 56 county poor-houses, and 6 city almshouses; in Pennsylvania, 58 county and district almshouses; in Michigan, 45 county poor-houses; and in New England, the number of town, city, and county almshouses is nearly 600.

The whole pauper expenditure in the United States in 1874 is estimated at \$15,000,000, and the average number of poor relieved 225,000.

In New York, Massachusetts, Rhode Island, Connecticut, Pennsylvania, Michigan, Illinois, and Wisconsin there are boards of public charities which supervise and report the expenditures for the relief of the poor, and concert measures for the prevention and suppression of pauperism. These boards are in fact poor-law boards with somewhat of the power and functions exercised by the English poor-law boards.

In many cities there are bureaus of charity which undertake to connect the official with private distribution of alms so that all the indigent may be judiciously aided. It will be seen from the above that the tendency in all large cities is to center the care of all the poor in competent hands, under official appointment, and not, as in former years, to place them and intrust the distribution of moneys to half a dozen different managers of institutions both private and public.

The above figures simply show the amounts appropriated by the several States for the aid of the indigent, and it should be remembered that in all of them there are many hospitals, asylums, and other like institutions supported by voluntary contributions of the charitable.

To its glory be it said the State of Pennsylvania annually appropriates over \$1,000,000 for the support of homes for the orphans of her soldiers who were killed during the late rebellion.

Before leaving this subject I beg leave to renew my recommendation of last year that all public institutions of charity, asylums, hospitals, &c., in this District, that are supported in whole or part by national or District appropriations, be placed under the control of the District government and managed by a board to be selected from among our best citizens of both sexes, who shall have general charge; that all appropriations of public money shall be made in the aggregate and apportioned and disbursed by them, and that they shall at all times have the right of inspection of all charitable institutions both public and private.

ESTIMATES.

The estimates for salaries and contingent expenses from December 1, 1876, to June 30, 1877, and from July 1, 1877, to June 30, 1878, are herewith inclosed.

Estimate for salaries and contingent expenses from December 1, 1876, to June 30, 1877.

Salaries.....	\$4, 220 00
Groceries, marketing, beef, &c.....	13, 520 00
Dry goods, clothing, and shoes.....	3, 592 00
Drugs and medicines.....	1, 796 00
Hardware and stoves.....	432 00
Blacksmithing.....	144 00
Lumber.....	600 00
Fuel.....	396 00
Contingent expenses.....	720 00
	<hr/>
	25, 420 00

Estimate for salaries and contingent expenses from July 1, 1877, to June 30, 1878.

Salaries.....	\$7, 780 00
Groceries, marketing, beef, &c.....	25, 640 00
Dry goods, clothing, and shoes.....	5, 600 00
Drugs and medicines.....	2, 780 00
Hardware and stoves.....	780 00
Blacksmithing.....	300 00
Lumber.....	1, 080 00
Fuel.....	720 00
Contingent expenses.....	1, 320 00
	<hr/>
	46, 000 00

EXPENDITURES.

Statement of expenditures on account Washington Asylum from November 15, 1875, to November 1, 1876.

Salaries.....	\$5, 562 34
*Fuel.....	1, 779 05
Insurance.....	80 00
Erection of new building.....	2, 642 35
Contingent expenses, groceries, beef, marketing, drugs, lumber, hardware, blacksmithing, and sundries.....	24, 196 97
	<hr/>
	34, 262 71

GEORGETOWN ALMSHOUSE.

Support of paupers.....	1, 428 70
Insurance.....	56 00
	<hr/>
	1, 484 70

Very respectfully,

TIMOTHY LUBEY,
Commissioner.

To the honorable COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

* The amount for fuel covers the amount now on hand, which is sufficient to last during the season.

Account of character, cost of maintenance, and labor performed in State reformatory and charitable institutions.

Name of Institution.	City.	State.	No. of inmates		Cost of maintenance annually.				How balance is provided.	Character of labor of inmates.
			Male.	Female.	Total.	Salaries.	Current expense.	Total.		
Industrial School for Girls	Middletown	Conn.	...	100	100	\$3,735	\$1,817	\$5,552	Private donations and State appropriations.	Sewing, farm and garden, and paper-box manufactory.
State Reform School	Pontiac	Ill.	196	...	196	9,081	90,159	99,240	State appropriations.	Shoe factory and cane-seating.
House of Refuge	Plainfield	Ind.	328	...	328	13,003	53,954	66,957	State and county appropriations.	Cane-seat factory, which proved unremunerative.
Woman and Girls Reformatory	Indianapolis	Ind.	166	...	166	5,877	74,148	80,025	State appropriations.	Laundry.
Reform School	Elkhart	Ind.	135	30	165	8,640	19,070	27,710	State appropriations.	Farm.
Louisville House of Refuge	Louisville	Ky.	152	47	199	6,996	30,009	37,005	State appropriations.	Shoe shop, basket shop, greenhouse.
House of Refuge	Baltimore	Md.	260	...	260	9,408	32,889	42,297	State and city appropriations.	Farm, shoe shop, broom shop.
Industrial School for Girls	Lancaster	Mass.	...	105	105	9,946	14,795	24,741	State and county appropriations.	Farm, worked by the employees.
State Reform School	Westborough	Mass.	353	...	353	18,451	35,469	53,910	State, county, and town appropriations.	Farm, shoe shop, and cane-seat factory.
State Reform School	Lansing	Mich.	220	...	220	12,890	84,153	97,043	State appropriations.	Farm, chair factory, tin shop.
State Reform School	Jamesburgh	N. J.	186	...	186	4,901	33,256	38,157	State appropriations and board of inmates.	Farm, laundry, chair shop.
Reformatory of Juvenile Delinquents	New York	N. Y.	746	134	880	36,011	77,317	113,328	State appropriations and board of education, and tax on theater.	Printing, wire-working, umbrellas-making, shoe-making, woolen stockings.
Western House of Refuge	Rochester	N. Y.	440	...	440	19,022	68,289	87,311	State appropriations.	Shoe-making, chair-making, tailoring.
Catholic Protectory	West Chester	N. Y.	329	573	902	Not stated.	...	...	State appropriations and voluntary contributions.	Shoe shop and printing, in which the report shows a loss of \$10,000 during the year.
House of Refuge	Mill Creek Valley	Ohio	300	40	340	11,530	38,263	49,793	State and county appropriations.	Shoe shop, tailor shop.
Girls' Industrial Home	White Sulphur Springs	Ohio	...	179	179	7,000	31,500	38,500	State appropriations.	The necessary work about the buildings. No paid labor as yet.
House of Refuge	Philadelphia	Pa.	378	103	481	21,583	79,510	101,093	State and city appropriations and contributions.	Brush, shoe, box, smith, and wicker shops.
Reform School	Providence	R. I.	176	39	215	8,340	86,123	94,463	State and city appropriations.	Sewing and chair-making.
Reform School	Vergennes	Vt.	116	6	122	4,046	62,86	66,906	State appropriations.	Chair, farm, and mill work.

NOTE.—The above table is compiled from the reports of the institutions named for the years 1875-'76.

INTENDANT'S REPORT.

WASHINGTON ASYLUM,
November 15, 1876.

SIR: I have the honor to transmit the following report of the Washington Asylum from October 31, 1875, to November 15, 1876:

Number of poor in almshouse October 31, 1875	155
Number of poor received during the year	456
Number of poor born during the year	20
	<hr/> 631
Number of poor discharged during the year	366
Number of poor died during the year	96
Number of poor in almshouse November 15, 1876	169
	<hr/> 631
Number of prisoners in workhouse October 31, 1875	150
Number of prisoners received during the year	2, 099
	<hr/> 2, 249
Number of prisoners discharged during the year	2, 000
Number of prisoners escaped during the year	79
Number of prisoners died during the year	6
Number of prisoners in workhouse November 15, 1876	164
	<hr/> 2, 249
Officers and employes	10

Recapitulation.

Number of poor in almshouse November 15, 1875	169
Number of prisoners in workhouse November 15, 1875	164
Officers and employes	10

Total number in the institution

343

Of the number of deaths reported in the almshouse seven occurred in the small-pox hospital. I would respectfully report that in accordance with the order of the Commissioners of the District of Columbia, the prisoners were removed to the old jail on the 2d of May last, where they have since been confined.

The male inmates have been employed in grading and filling the streets and avenues in various parts of the city, at a considerable saving to the District; while the females are employed in cleaning the building and in general house-work. A portion of the females are daily sent to the asylum, where they are employed in making clothing for the inmates of both the almshouse and work-house; also in washing, scrubbing, and keeping the main building and hospitals in a clean and healthy condition.

The old jail, since it has been used for the work-house prisoners, has been put in the best condition that circumstances would admit; the walls have been scraped and whitewashed, new screens have been put up at the windows, stoves have been put up in the building, and the inmates have been made as comfortable as possible. As in my last report, I would recommend the adoption of some substantial material to be used for clothing by the inmates of the almshouse, and to be worn by them while here, and their own clothing to be cleaned, repaired, and

put away, to be returned to them when they leave, and the clothing worn by them while here to be returned as the property of the asylum; this, I believe, would result in a saving to the District, as many who are admitted stay but a short time after receiving new suits of clothes. I would renew my recommendation for the erection of two plunge-baths and wash-rooms, one for males and the other for females, as I consider it an actual necessity for the health and comfort of the inmates.

Religious services are held every Sunday afternoon for the benefit of the inmates of the almshouse by ladies and gentlemen of various religious associations of the District, and for the benefit of the prisoners in the old jail, by members of the Young Men's Christian Association, who use every endeavor to improve the moral condition of this unfortunate class of the community. The general health of the inmates is good, very little sickness originating among them. Most of the inmates of the hospital are those who are brought here in the last stage of disease, after having been discharged from other hospitals as incurable, and are sent here as a last resort, this being the only general hospital where cases of every description are received.

All coffins used for the burial of the indigent of the District are manufactured at this institution, and are furnished upon the receipt of an order from the board of health, when the ambulance is sent to convey the bodies to "potter's field" or other burying-ground, should the friends of the deceased desire it.

The number of coffins furnished during the term ending November 15, 1876, were 631. The ambulance is also employed in conveying sick and disabled paupers to the almshouse and to other hospitals and other charitable institutions in the District, as also to the Insane Asylum.

"The potter's field" has been kept in as good condition as possible, and since its inclosure no bodies buried there have been disturbed or taken from the grounds. The number of burials from November 15, 1875, to November 15, 1876, was 494, of which four were removed to other cemeteries.

That portion of the main building formerly occupied by the prisoners has, since their removal to the old jail, been thoroughly cleaned, and can be used for the accommodation of the inmates of the almshouse, should the numbers so increase as to render it necessary.

The goods furnished the asylum during the present year have been of an excellent quality, and little or no just cause of complaint has been made.

Since my last report the hospital grounds have been inclosed and the grading completed, and the new hospital then building has been finished, and is now occupied as a white female ward. We have ample accommodations at present for cases requiring medical treatment, but it will require larger buildings or additions to the old ones in the near future, as the number of patients will naturally increase with the growing population of the District.

The small-pox hospital, which is attached to the institution and situated about 1,200 feet northeast of the building, is kept in excellent condition by the nurses in charge, but owing to its close proximity to the new jail, and the danger of contagion spreading to the prisoners confined therein, should there be a large number of cases in the hospital, I recommend that a new building be erected in some much more isolated place, and the present building be disposed of.

Very respectfully,

JOSEPH F. HODGSON, *Intendant W. A.*

TIMOTHY LUBEY, Esq.,
Commissioner Washington Asylum.

WASHINGTON ASYLUM,
November 15, 1876.

SIR: I have the honor to submit the following report: The female labor of the institution has been utilized to the best advantage. While a portion of the females are engaged in making and repairing clothing for inmates of the work-house and almshouse, others are employed in washing, ironing, and general house-work. The rooms of the inmates are scrubbed daily, thus keeping them in good sanitary order. The following articles of clothing, &c., have been made since my last report, viz: For almshouse, 64 coats, 191 pairs pants, 230 pairs drawers, 253 shirts, 148 dresses, 20 petticoats, 191 chemises, 16 aprons, 11 gowns, 32 children's suits, 263 bed-ticks, 89 sheets, 91 pillow-ticks, 101 pillow-cases. For work-house, 144 coats, 226 pants, 607 shirts.

Very respectfully,

M. L. HODGSON,
Matron W. A.

TIMOTHY LUBEY, Esq.,
Commissioner, Washington Asylum.

OFFICE VISITING PHYSICIAN,
WASHINGTON ASYLUM,
November 15, 1876.

SIR: I respectfully submit the following annual report of the hospital department of the Washington Asylum for the year ending October 31, 1876:

The number of patients under treatment November 1, 1875, was 42—24 males, 18 females; admitted during the year, 543; of these 294 were males and 249 females; 362 were colored, 181 white; number born during the year, 21—10 males, 11 females; 19 colored, 2 white.

Discharged during the year, 393—233 males, 160 females; deaths during the year, 98—45 males, 53 females; number of patients under treatment during the year, 585; number remaining under treatment November 1, 1876, 94.

The daily average number prescribed for at hospital is about 70, and at the old jail, or work-house, over 3, making over 1,000 prescriptions for the work-house alone. Many of these work-house patients require as much if not more care and attention than regular hospital cases, viz, victims of *mania a potu*, of which we had a great number, and as yet have lost none.

Death statistics.

Cause of death.	White.	Colored.	Total.	Cause of death.	White.	Colored.	Total.
Pneumonia	2	2	4	Dysentery	1	4	5
Phthisis pulmonalis	2	13	15	Pluro-pneumonia	1	—	1
Senile debility	6	17	23	Meningitis	—	1	1
Varicella	—	6	6	Softening of brain	—	2	2
Cerebro-spinal meningitis	—	1	1	Inanition	—	3	3
Hypertrophy of heart	1	2	3	Typhoid fever	—	1	1
Valvular disease of heart	—	1	1	Rheumatism	—	3	3
Fatty degeneration of heart	—	1	1	Ascites	—	2	2
Infantile convulsions	—	1	1	Chronic diarrhoea	1	—	1
Cholera infantum	1	4	5	Epilepsy	1	—	1
Apoplexy	1	5	6	Acute bronchitis	1	—	1
Died from compression of cord	—	1	1	Congenital syphilis	—	1	1
Scrofula	1	1	2	Still-born	1	—	1
Colloid cancer of intestines	1	—	1				
Syphilis	1	1	2				
Anæmia	2	1	3	Total	24	74	98

It will be seen by the above statistics that the admissions are almost double the number of the preceding year, while the death-rate is very much lowered, fully 10 per cent., notwithstanding the fact that there were many more cases of small-pox, and some of malignant type, admitted this year.

This is easily accounted for on the ground of the present superior location of hospitals, affording more and purer air, more light, more cheerful surrounding views, good walks and pleasant grounds in which to exercise for convalescents who are able to do so, more suitable and better regulated diet, sleeping arrangements, in fact, a combination of those elements that go to make up an improved hygienic condition.

The patients realize and gratefully appreciate the great advances made to alleviate their sufferings and improving their chances for recovery. The disposition shown to improve their condition physically has most certainly elevated the moral tone of all inmates of the hospital; where formerly disturbances, bad behavior, low and immoral language were common, now such occurrences are most rare.

The wards are always kept in pure, sweet condition; patients are orderly, respectful, and well behaved. The walls are whitewashed, paint cleaned whenever needed, and any other work required to keep wards in nice order, except scouring, is done by our convalescents and nurses, without outside labor or expense.

The grounds are also regularly cleaned up, the grass cut when necessary, and anything else which may be required to keep up the attractive appearance of the place is done by the inmates of the grounds. The cooking has been done a great part of the time by a convalescent. I think we can say, not only in our opinion but in that of others who have visited the place, that the hospital grounds, orderly, neat appearance and discipline of patients will compare quite favorably with other older institutions, considering its short aspirancy for place in the roll of benevolent establishments.

We frequently have patients brought in now by their friends, who tell us they have lately heard so much to recommend our hospital that they prefer bringing their sick to us, as they know they will be well cared for.

A significant fact and self-evident proof of the improvement in location and hygienic arrangements generally of our hospital is, that in the new situation no malignant cases have developed, while in the old building such instances were and are not rare.

One of our most serious wants is sufficient room, for we must allow each patient so many cubic feet of space or we defeat the very object which he comes to secure. In view, therefore, of this want of room I recommend that an additional ward be erected on the north side of the yard, at right angles to the two male wards, making it double the length of those already in the yard, with a division so that it may be used as two wards. This will accommodate the males for a while yet.

The colored-female ward wants an addition to its length, the inmates being too close together, as plenty of space is an imperative necessity in this class of invalids, it being almost impossible to keep ventilation thorough without every advantage that improvement has devised.

I also recommend the erection of a small obstetrical ward for white women. We have already in use a small building for the reception of colored women during their confinement, and find it indispensable.

We have another growing element requiring our particular care and attention—the infantile population of the establishment. These infants are picked up on the streets, some foundlings, others whose mothers can't provide for them, of all ages, from a few days to weeks and months.

These children must have some room close at hand where they can have the physician's immediate supervision or they will be neglected. Heretofore, as they are mostly colored, we have placed them in the lying-in ward, and detailed one of the convalescents to take charge of providing the diet, such as will suit their tender age. Under our directions milk is furnished them from the hospital stores, and of course we must have them near at hand where we can personally see this food properly prepared and not wasted.

I think the present arrangement of the hospitals and inclosure a very good one, but wanting in a few particulars. One is a division-fence between the males and females, and the other is a comfortable room adjoining the office, in which the resident physician can stay and be always at hand to answer a call in the night without unnecessarily exposing himself and causing delay.

There is another matter about which I have thought a great deal, and which seems so feasible that I must recommend it, which is, the establishing of a pay-ward. I have already heard enough to make me believe such an institution would be a success, and I cannot see why it should not be quite a source of revenue to be used in defraying the expenses of the hospital. A neat and comfortable Ballou ward, divided into three or four small apartments, is all that would be required.

The diet has been much improved; but there is still room for more improvement, and one of the first steps would be to have a nicer grade of flour, and have all the bread that we use made in the kitchen, where the rest of the cooking is done, as it is, above all, necessary to have good bread.

I wish to have, at the earliest moment, the power vested in the physician of allowing a convalescent to go out of the grounds whenever, in his opinion, he is a fit subject for such liberty and will be benefited thereby.

I trust, after noticing how extended the duties of the physicians are, you will see fit to appoint a head nurse—a man sufficiently intelligent to put up some of our medicines, do some of the writing, and look after the messes, cooking of the food, &c.

A review of the year's proceedings will show a very satisfactory state of the hospital; and I must here add that its success and present effective condition are largely due to the high order of ability of our resident physician, Dr. William Faulkner, and his indefatigable and intelligent efforts in behalf of the well-being of the place.

I have the honor to be, very respectfully, your obedient servant,

WM. M. PAGE, M. D.,
Visiting Physician.

TIMOTHY LUBEY, Esq.,
Commissioner Washington Asylum.

XI.—REPORT OF THE CORONER.

CORONER'S OFFICE, DISTRICT OF COLUMBIA,
Washington, D. C., November 8, 1876.

GENTLEMEN: In compliance with your communication of the 6th ultimo, No. 4814, I have the honor to transmit herewith an annual report of bodies viewed and inquests held during the year ending September 30, 1876. Out of a total of 169, it will be seen that 39 are abandoned infants, or such as have died from criminal neglect, still-births, &c. It would seem that a mother who willfully abandoned her off-spring

should be as amenable to the law as the street-brawl homicide; unfortunately no provision exists to bring such class of perpetrators to justice. Vacant lots and sewers are generally the repository for these murdered little ones, and in view of its alarming frequency I most earnestly recommend that a fund be set apart for rewards in their detection, such fund to be distributed by the coroner, superintendent of police, or such other officer as it may be deemed wise to select. The board of health now employs a medical sanitary superintendent, whose returns no doubt would swell the number of these cases. The salary of this officer, I am informed, is \$1,500 a year, his principal duty being to inquire into the cause of death of those who were not attended by a physician, and to give a certificate accordingly. There may be no suspicion of crime in the great majority of such cases, but the practice is necessarily imperfect and conflicting, no *post-mortem* examination being ever made, and, of course, the cause of death, to a great extent, is purely conjectural.

I would call your attention to another subject, which, with the growth of the city, is more and more felt daily. It often happens that persons are found dead in the streets and elsewhere, without any clew as to their identity. Many are strangers, and the rule hitherto has been to convey them, at great inconvenience, to the nearest station-house, where they can remain but a short time, depending altogether upon the season, when they are buried perhaps in "potter's field," all opportunity for identification being thereby lost. In view of this state of affairs, I respectfully recommend the establishment of a "morgue" in some accessible part of the city, and an appropriation for its management, the details of which will be gladly submitted, if favorably considered.

I have the honor to be, very respectfully, your obedient servant,

D. C. PATTERSON,

Coroner.

Hon. COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

CORONER'S OFFICE, DISTRICT OF COLUMBIA,
Washington, D. C., November 10, 1876.

GENTLEMEN: In compliance with your request of the 6th ultimo, (No. 4814,) I have the honor to submit the following estimate of sums required for this office during the fiscal year ending June 30, 1878:

Salary of coroner.....	\$1,800
Contingent expenses, including transportation of dead bodies, <i>post-mortem</i> examinations, stationery, &c.....	700
Total	2,500

Very respectfully,

D. C. PATTERSON,

Coroner.

Hon. COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

Tabular statement of deaths certified by the coroner during the year ending September 30, 1876.

Willful violence.				Accidents and negligence.												Diseases.																			
Suicides.		Homicides.																																	
By narcotic poison.	By drowning.	By instruments, &c.	Infanticides.	Burns.	Crushed by falling rocks.	Drowned.	Fracture of skull.	Gunshot wounds.	Killed by lightning.	Accidental homicide.	Accidental smothering.	Narcotic poison.	Run over by railroad cars.	Stroke.	Neglect at birth.	Unknown infants, still-births, &c.	Anasarc.	Aneurism of aorta.	Apoplexy.	Asthma.	Bright's disease.	Cholera infantum.	Congestion of lungs.	Consumption.	Convulsions.	Diarrhea.	Dysentery.	Embolism.	Epilepsy.	Heart disease.	Intussusception.	Pneumonia.	Strangulated hernia.	Stomachic debility.	Cholera morbus.
1	1	4	6	4	1	23	6	1	1	2	3	1	2	8	19	20	1	1	17	1	1	3	12	4	1	2	1	2	11	1	3	1	1	2	
Total suicides.....																																2			
Total homicides.....																																4			
Total infanticides.....																																6			
Total by accidents and negligence.....																																91			
Total by disease.....																																96			

Total of all cases certified by the coroner.....

I certify that the foregoing statement is correct.

D. C. PATTERSON.

Coroner.

XII.—REPORT OF BOARD OF TRUSTEES OF PUBLIC SCHOOLS.

OFFICE OF THE BOARD OF TRUSTEES OF PUBLIC SCHOOLS,

Franklin Building, November 18, 1876.

GENTLEMEN: The board of trustees, in response to your communication of the 6th ultimo, requesting "a detailed statement of the transactions of your department since your last report, with any recommendations you may think proper to make with the object of increasing the efficiency of the same; also, to furnish an estimate of the amount required for its support for the fiscal year ending June 30, 1878," has the honor to submit the following report and recommendations, with an estimate of the amounts that will be required for the support of the public schools in the District of Columbia for the fiscal year ending June 30, 1878.

The number of youth of school-age (6 to 17 years, inclusive) in the District of Columbia, according to the United States census of 1870. was—white, 21,177; colored, 10,494; total, 31,671.

The whole number of pupils enrolled in the public schools for the school-year ending August 31, 1876, was—white, 12,953; colored, 6,676; total, 19,629.

The average number of pupils in daily attendance in the public schools for the school-year ending August 31, 1876, was—

White	9,267
Colored	5,040
Total	14,907

The number of teachers employed for the school-year ending August 31, 1876, was—

In white schools	230
In colored schools	107
Total	337

The total expenditures for the support of the public schools for the school-year ending August 31, 1876, were \$389,078.53.

The total payments for school purposes (including payments of debts due on account of expenses of previous years) were \$405,828.53.

The number of school-rooms owned is—

For white schools.....	130
For colored schools.....	96
Total	226

The number of school-rooms now rented is—

For white schools.....	65
For colored schools.....	7
Total	72

Estimate of expenses for the support of the public schools for the fiscal year ending June 30, 1878.

	Salaries of teachers.	Care of school-rooms.	Rent of school-rooms.	Fuel and stove-fixtures.	General supplies.	Contingent expenses.	School-furniture.	Total.
Washington schools, (white).....	\$156, 000	\$9, 500	\$22, 000	\$12, 000	\$7, 000	\$16, 000	\$3, 000	\$225, 500
Georgetown schools, (white).....	16, 500	1, 000	.....	2, 000	1, 500	2, 500	500	24, 000
County schools, (white and col'd).....	30, 000	1, 650	.....	3, 000	1, 500	4, 500	500	41, 150
Total.....	202, 000	12, 150	22, 000	17, 000	10, 000	23, 000	4, 000	290, 650

Total estimate of expenses of public schools of Washington, Georgetown, and the county.....\$290, 650
 Proportionate amount for schools for colored children of Washington and Georgetown.....112, 750

Grand total.....403, 400

Your attention is specially called to the utter inadequacy, and, in many instances, the unfitness, of the accommodations provided in rented rooms for the white children of Washington. About 4,500 children are at the present time attending schools in these rented rooms. The expense for the rent, fitting up, and repair of these inferior accommodations is from \$25,000 to \$30,000 per annum. Six large plain and substantial school buildings, each containing twelve school-rooms, are required, in order to give the white schools of Washington accommodations equal to those now provided for the other public schools of the District of Columbia.

The accommodations for the colored schools of Washington and Georgetown, in the second school district, Washington City, are very inadequate. The board has been compelled to rent seven very inferior rooms, four of which have been condemned by the board of health as unfit for school purposes, and they must be abandoned at the end of the present school-year. The school-building in Georgetown is situated on an unpaved alley without any yard accommodation. It was erected of old barrack-lumber, for temporary use, and was much damaged by the severe wind-storms of the past year. This building must be replaced very soon.

The future prosperity and success of the colored schools of Washington and Georgetown will depend upon the faithful execution of the present laws of Congress, dividing and apportioning the school-fund, which, from practical experience, has been found to be just and equitable, and entirely satisfactory to all classes of citizens.

We therefore urgently recommend—

First. That Congress be requested to make the necessary appropriation to pay the proportionate amount of school-fund (to wit, \$20,346) due the colored schools upon expenditure of \$50,865 for the erection of the Georgetown public-school building, to be expended in the erection of a school-building for colored children in said city.

Second. That no change be made in the present laws of Congress dividing and apportioning the school-fund, but that the acts of Congress of June 25, 1864, and July 23, 1866, (*vide* chapter 12, sections 306, 307, 308, 309, 310, and 311 of the Revised Statutes of the United States,) relating to the District of Columbia, and the act of the legislative assembly of the District of Columbia approved June 23, 1873, shall remain in full force, as the basis of all future disbursements on account of schools.

The United States have, from time to time, made most liberal donations of public lands to aid in establishing and sustaining common schools in all the Territories as they became States. The District of Columbia, the permanent seat of the Government, over which Congress exercises exclusive legislation in all cases whatsoever, has had no share in the distribution of these educational benefactions.

It would seem only just that the public schools of the District of Columbia should receive from the General Government equal benefactions with like schools in the States and Territories, either in the form of land donations or by some equivalent mode, and we respectfully ask you to invite the favorable attention of Congress to the subject.

The special reasons for asking Congress to aid in establishing and supporting a system of public schools for the District of Columbia may be briefly stated as follows:

First. About one-third of the school population is colored, composed largely of the "wards of the nation" who have come into the District since the beginning of the war. They add but little, if anything, to the school revenues.

Second. About 30 per cent. of the enrollment in the white schools is composed of children whose parents or guardians are in the employ of the United States Government, and the school revenues receive but little benefit from these residents.

Third. The United States Government is the owner of about one-half of all the real estate in the District of Columbia.

For a very full discussion of the propriety of Government aid to the public schools of the District of Columbia you are referred to the annual report of the public schools for 1873-'74, pages 50 to 58.

In our judgment the order issued by you at the commencement of your administration, consolidating the then existing four school-boards and placing the affairs of all the public schools of the District of Columbia under the management of one board, has greatly benefited the schools. Increased economy and efficiency have resulted from it.

The powers of the board as now constituted are too limited, but it is not deemed advisable to discuss this subject until the question of a permanent government for the District of Columbia, now under consideration, shall have been disposed of. For a further detailed statement of the transactions of this department you are respectfully referred to annual report of the board and two superintendents for the school-year 1875-'76, herewith submitted.

Very respectfully,

JOHN H. BROOKS,
Chairman Special Committee.
W. W. CURTIS,
President Board of Trustees.

Attest:

JOHN H. BROOKS,
Secretary.

To the Hon. COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

XIII.—REPORT OF THE BOARD OF COMMISSIONERS OF THE FIRE DEPARTMENT OF THE DISTRICT OF COLUMBIA.

OFFICE BOARD OF FIRE COMMISSIONERS
DISTRICT OF COLUMBIA,
Washington, November 15, 1876.

GENTLEMEN: I have the honor to transmit herewith the annual report of this board, and accompanying report of the chief engineer of the department, and of the superintendent fire-alarm telegraph.

By order of the board.

WM. B. REED,

Secretary District of Columbia Fire Department.

The honorable COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

OFFICERS OF THE DEPARTMENT.

Commissioners—Thomas P. Morgan, president; William R. Collins, vice-president; William B. Reed, secretary; Peter F. Bacon, Thomas L. Hume, Carter A. Stewart, James A. Tait.

Chief Engineer—Martin Cronin.

Assistant Chief Engineer—William O. Drew.

Fire-Alarm Telegraph:

Superintendent—Henry R. Miles.

Assistants—A. S. Richards and George H. Noyes.

Committees.

On apparatus: Commissioners Collins and Bacon.

On accounts: Commissioners Bacon and Hume.

On buildings: Commissioners Hume and Collins.

On hose: Commissioners Stewart and Reed.

On horses: Commissioners Reed and Tait.

On rules and discipline: Commissioners Reed and Tait.

On supplies: Commissioners Bacon and Stewart.

On telegraph: Commissioners Tait and Collins.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS,
Washington, D. C., November 15, 1876.

GENTLEMEN: The board of fire commissioners of this District have the honor to report the transactions in that department from the 15th of November, 1875, to the 15th of November, 1876, as follows:

The expenditures for the year aggregate a sum total of \$92,169.27, being for salaries of officers and men, purchase of one new engine, 7,800 feet new hose, six new horses, the rebuilding of and repairs to engines, repairs to apparatus, supplies of all kinds, repairs to harness and new harness, repairs and new work on houses and stables, veterinary services, farriers' expenses, laundry expenses, forage, expenses fire-alarm telegraph, fuel, and gas.

The buildings occupied by the department are as follows, to wit: Office for commissioners and chief engineer, room 20 Columbia Building; cen-

tral office, fire-alarm telegraph, No. 486 Louisiana avenue; five engine-houses and one truck-house.

The repairs to houses made during the year are as follows, to wit: Extensive repairs have been made to engine-house No. 2, and it is now in perfect condition and has all the improvements that are requisite. We respectfully recommend that the other houses be made to conform to the present improved condition of engine-house No. 2, as necessary for the greater efficiency of the different companies.

The engine-houses and truck-house are in thorough repair and preservation, and only need the improvements above recommended to make them perfect. The apparatus of the department consists of four second-class "Amoskeag" steam fire-engines, one "Silsby" second-class rotary engine, one Clapp & Jones second-class engine, seven four-wheel hose-carriages, and one old-style hook-and-ladder truck, all of which has had proper care bestowed upon it, and been kept in the best order.

ENGINES.

It being absolutely necessary that the apparatus should at all times be in the most perfect working order, equal to the work required and also ready for any emergency, to provide for this, the engines Nos. 1, 2, and 3, having been completely worn out, (see last annual report,) they have been thoroughly rebuilt and repaired by Mr. John McClelland, of this city, and are now in perfect order and condition.

The entire number of engines in use in the department are in good serviceable condition, and all proper measures have been had to keep them in repair and make necessary improvements.

HOSE-CARRIAGES.

The hose-carriages are in good condition.

TRUCK.

The one old-style truck now in use is compelled to respond to all alarms of fire, and requires constant repairs to keep it serviceable. This is a necessary, almost indispensable, arm of the service, being in demand at nearly every fire that occurs, and we claim your attention to our suggestions hereinafter, for an increase in the number of trucks.

HOSE.

Seven thousand eight hundred feet of Walton hose were purchased this year, and it gives good satisfaction. The leather hose in use is in fair condition, but the gum hose is comparatively unserviceable. (See report of chief engineer.)

HORSES.

Six were purchased during the year, with the approval of your honorable board. Those in use with the different companies and the officers, and those held as reserve, amounting to 28, are in fair condition. Four of these horses are old and have been for a long time in service, and must be replaced.

FIRE-PLUGS.

Since our last yearly report no change has been made in the connections to fire-plugs, nor has the number of plugs been increased. This is

an important matter for your consideration, and we respectfully refer your honorable board to our last report in this regard, and also to the habit, still continued, of the storing in densely inhabited portions of our cities, of large quantities of gaseous oils and alcoholic liquors. This disregard for the safety of property and life is reprehensible and should be prohibited under heavy penalties.

INCREASE IN NUMBER OF COMPANIES AND APPARATUS.

The high trust imposed and the care devolved upon this board, as fire commissioners of this District, demand that we should here refer to our last annual report and again urge, as an absolute necessity, the additions therein recommended to the present force and apparatus of the department, viz :

Two engine companies, completely equipped for service, with apparatus and appurtenances, one for the northern and one for the northeastern sections of this city.

One new style hook-and-ladder truck, manned and ready for use, in the western part of this city.

Eight years since, three Government steam fire-engines responded to alarms with their apparatus and aided to extinguish fires. Then the area in this District which required our constant care and vigilance was confined in its limits to less than one-half the area at present occupied by edifices of a nature and character, from their peculiar styles of construction, much more inflammable than were the buildings erected before the year 1870. Since that time structures occupied in all manner of ways, built in long rows, have multiplied an hundred-fold ; but has the force comprising this department, upon which the safety and security of the community depend, been proportionately increased? Or could this department afford the necessary protection intended should two large fires occur simultaneously in opposite localities in this District? When such a contingency may arise, and what the state of the elements may be at the time, it is impossible to divine. Experiences here and in larger cities teach us the necessity of providing protection against not only small fires, but conflagrations that may lay low the large squares of Mansard-roofed houses that so thickly dot this city.

Our present force is inadequate, and we respectfully urge that the additions thereto and hereinbefore recommended be made and put into immediate use.

We respectfully ask your attention to the accompanying reports of the chief engineer and the superintendent of the fire-alarm telegraph, and the statements which form a part of the report of the chief engineer in reference to the statistics of fires last year, the property under his charge, and the force of this department, all of which are approved by this board.

FIRE-ALARM TELEGRAPH.

This branch of the department continues to realize our most sanguine expectations and gives correct and prompt intelligence.

Before concluding our report we wish to render the thanks of this board to the chief engineer, the assistant chief engineer, and the superintendent and operators of fire-alarm telegraph for their intelligent supervision of the interests confided to their care, and to the officers and men of the department for their untiring activity, watchfulness, and strenuous exertions in the discharge of their duties. The large increase in the number of fires which have occurred during the year, over

former years, and the very small loss incurred, is of itself the strongest eulogium we can pass upon the careful supervision by the officers, and the zeal of the men of this department.

We respectfully request the consideration of your honorable board for the men who have been disabled by service in this department, and that some provision be made for their support while such disability continues, and that the efficient force of the department be at all times up to the standard the places of men disabled by service be filled without prejudice.

The following are the estimates for this department for the fiscal year ending June 30, 1878, to wit:

Salaries.....	\$55,723 00
Repairs to apparatus.....	6,000 00
Repairs and improvements to houses.....	3,500 00
Horse-feed.....	5,500 00
Miscellaneous supplies.....	3,500 00
Fuel and gas.....	2,500 00
Harness and repairs to harness.....	2,000 00
Farrier and laundry expenses.....	1,500 00
Expenses fire-alarm telegraph.....	3,000 00
Total.....	73,323 00

Estimate of cost of proposed addition to present force, viz, two engine-companies, equipped, and one hook-and-ladder company, equipped.

ENGINE-COMPANIES.

One house and lot.....	\$13,000
One engine.....	3,000
One hose-carriage.....	75
Four horses.....	1,500
Harness.....	150
Hose.....	1,500
Fitting up house.....	1,500
Total cost of first company.....	22,975
Add for second company.....	22,975
Total cost of two engines ready for service.....	45,950

HOOK & LADDER.

One house and lot.....	\$13,000
One improved truck.....	3,000
Two horses.....	600
Harness.....	75
Fitting up house.....	1,500
Total cost of three proposed companies.....	63,975

Respectfully submitted.

THOS. P. MORGAN, *President.*
 W. R. COLLINS, *Vice-President.*
 WM. B. REED, *Secretary.*
 JAS. A. TAIT.
 C. A. STEWART.
 THOMAS L. HUME.
 PETER F. BACON.

The honorable COMMISSIONERS OF THE DISTRICT OF COLUMBIA.
 WASHINGTON, D. C., November 15, 1876.

XIII.—REPORT OF THE SUPERINTENDENT OF THE FIRE-ALARM TELEGRAPH.

OFFICE FIRE-ALARM TELEGRAPH,
486 LOUISIANA AVENUE,
Washington, D. C., November 13, 1876.

To the honorable the Commissioners of the District of Columbia:

In obedience to your request of the 6th ultimo, I have the honor to report the following detailed statement of the transactions and expenditures of the fire-alarm telegraph since the date of my last annual report; and to which, in compliance with your request, I have made such recommendations as experience suggests for increasing the efficiency of this branch of the fire department; and also an estimate of the amount required for its support for the fiscal year ending June 30, 1878.

On the 31st day of December last, Mr. Wm. H. Glascott was appointed an operator in this office, *vice* Louis P. Seibold, removed; and on the 29th of January following the resignation of Mr. Glascott was accepted, leaving a vacancy in the office, which was not filled until the 15th of March, at which date Mr. George H. Noyes was promoted from the position of repairman to fill said vacancy, and the position of repairman was abolished.

It will be remembered that Mr. Noyes, for more than a year previous to that time, had been on duty in the office as an operator, and, therefore, it becomes important to state in this connection that, since the resignation of Mr. Glascott, two operators have been obliged to perform the labor which before that time was divided equally between three men. Your attention will be invited in another part of this report to the same subject.

The expenses of the office for the twelve months covered by this report, to wit, from November 1, 1875, to October 31, 1876, both inclusive, have been as follows:

Salary of superintendent	\$1,500 00
Salary of two operators, at \$1,200 each, less \$150 saved by the vacancy above mentioned	2,250 00
One repairman, 4½ months	270 00
Total amount of salaries paid	\$4,020 00

During the same period there has been expended for other purposes the following sums:

Battery chemicals	\$1,482 88
New battery	72 25
Repairs of lines, &c	184 00
Office-rent	360 00
Gas-light	162 88
Fuel	42 07
Ice	15 07
Washing	24 00
Blacksmithing	30 75

Total, exclusive of salaries

2,373 90

Total expenditures, salaries included

6,393 90

During the month of February last a new telegraph-wire was put up, at a cost of \$65, connecting this office with the United States Naval Observatory. This item of expense is not included in the above, for the reason that it is not a part of the legitimate expense of maintaining the fire-telegraph.

It will be seen by examining in detail the figures above, that the expenditures for support of this department have been reduced—(by the practice of rigid economy) about six hundred dollars below my estimates of last year—which, to me, is a very gratifying result. There are no outstanding liabilities against this branch of the public service (not included in this report) so far as I am advised; and I think there are none.

From November 1, 1875, to the 30th day of October, 1876, both days inclusive, there were transmitted over the wires of the fire-alarm telegraph 160 alarms of fire, as follows: In November, 19; December, 20; January, 22; February, 10; March, 12; April, 21; May, 6; June, 8; July, 14; August, 7; September, 10; October, 11. There are 86 stations from whence alarms of fire may be transmitted by telegraph; from 22 of these, one alarm each has been sounded, to wit: boxes 13, 26, 28, 31, 34, 52, 62, 72, 123, 137, 143, 212, 213, 215, 217, 314, 431, 512, 513, 514, 612, 712; two alarms each from boxes 16, 24, 36, 38, 41, 45, 51, 53, 54, 56, 63, 71, 73, 126, 127, 135, 141, 312, 415, 423, 523, 613; three alarms each from boxes 17, 47, 124, 136, 216, 315, 412, 413, 721; four alarms each from boxes 14, 23, 25, 32, 43, 131, 145, 731; five alarms each from boxes 37, 132; six alarms from box 134; seven alarms from box 521; twelve alarms from box 125. From 19 of the 86 stations no alarms have been sounded during the year; these are known as boxes 12, 15, 18, 19, 27, 35, 46, 61, 121, 128, 129, 142, 214, 324, 325, 421, 527, 528, 621.

It is gratifying to be able to report in reference to our present system of fire-telegraph that, after more than thirteen months' constant use, it is in as good condition as when turned over by the contractors on the 29th day of September, 1875, and that it has worked satisfactorily and well, and that in no instance has it failed to respond promptly to the touch of him whose duty it is to sound the alarms for fire; and, that its reliability, when needed for such purposes, has inspired the utmost confidence of the inhabitants of the District. The "trap-lock" attached to each door of the signal-boxes effectually deters evil-doers from sounding false alarms.

To defray the expenses of this department for the fiscal year ending June 30, 1878, it will be necessary to provide—

Salary for one superintendent.....	\$1,500
Salary for two operators, \$1,200 each.....	2,400
Battery chemicals.....	1,000
Additional battery.....	200
General and necessary repairs.....	100
Officerent.....	100
Gas-light.....	150
Fuel.....	50
Ice.....	20
Washing.....	50
New office-furniture.....	100
Contingent expenses.....	250
Total for all purposes.....	7,300

These estimates, although somewhat above the actual cost of maintenance for the past year, are, nevertheless, as low as can be safely relied upon, and should, in my judgment, be provided for. The lines and instruments are new, and consequently but slight repairs have been required during the past year; but as time advances, greater outlays for needful repairs must necessarily follow, and should be anticipated beforehand.

To promote the efficiency of the service, I suggest that provision be made for the appointment of two additional employes—one operator and one repairman.

Since the promotion of Mr. Noyes to the position of operator (previously referred to in this report) two men have been required to keep the office open every hour and minute of time that has since elapsed, debarring them entirely of holiday recreation or the ordinary Sabbath day's rest, working them, in fact, twelve hours each per day every day in the year. This, I submit, is more labor than ought to be required of any man; and therefore I respectfully and earnestly request that early provision be made for the appointment of an assistant.

There is not, I think, another fire-alarm telegraph in the United States run without the aid of a regular repairman; and although we have managed to get along without such help, yet I must say frankly that it is hazardous, and, in the long run, must prove more expensive than would be the paid services of a competent man, whose entire time should be spent in watching for and repairing promptly the small defects as they become apparent, and thus avoid the occurrence and expense of mending the larger breaches, which necessarily result from the smaller ones if not checked. The necessity, too, of keeping the lines in condition at all times for immediate use, impels me to urge this subject upon your consideration.

Should one or both of these employés be supplied, it will be necessary to make provision also for their compensation, and I would suggest that \$900 each, per annum, would be a just remuneration for such services. The operator should be designated "assistant operator."

It affords me pleasure to be able to assure you that the present operators, Mr. A. S. Richards and Mr. George H. Noyes, are competent and efficient operators, and that they have each cheerfully performed the labors assigned them. Each of them have (as they deserve) my sincere thanks for the ability and uniform courtesy displayed in the discharge of their official duties.

I have the honor to be, gentlemen, your obedient servant,

HENRY R. MILES,
Superintendent Fire-Alarm Telegraph.

Résumé of fires from November 15, 1875, to November 11, 1876.

No. of fire.	Date.	Hour.	Box.	Owner.	Style of building.	Cause.	How occupied.	Occupant.	Location.	Damage.	Insur- ance.
13	1875.										
13	Nov. 16	7.30 a. m.	125		Chimney	Stove-pipe	Dwelling		P street, between 17th and 18th sts.	Slight.	
14	Nov. 16	10.30 a. m.	216		Frame	Bedding	do	And. Jones	941 I street, n. w.	Slight.	
15	Nov. 18	9.45 a. m.	125	I. D. Smith.	do	do	do				
16	Nov. 23	7.40 a. m.	45		Chimney	Incendiary	do		324 F street, s. w.	Slight.	
17	Nov. 23	2.15 p. m.	47	Thomas King	Frame	Unknown	do	Mrs. King	Fourteenth and East Capitol streets.		
18	Nov. 24	3.15 a. m.	521	Dr. Christian	do	do	do				
19	Nov. 29	6.55 p. m.	141	E. L. Stanton.	Chimney	do	do				
	Total.										
1	Dec. 1	9.40 p. m.	612	Martin & Co.	Frame sheds and stable.	Incendiary	Stable, &c.	Martin & Co.	Maryland avenue, between 6th and 7th streets, s. w.	\$500	
2	Dec. 2	8.02 a. m.	*43		3-story brick.	Incendiary	Book-store	A. T. Lloyd	903 Seventh street, n. w.	50	
3	Dec. 3	1.30 p. m.	135	Ell Howard	Frame	Stove upset	Dwelling	Howard	L street, between 4th and 5th sts., s. e.	250	\$250
4	Dec. 4	3.30 p. m.	54	J. Wonderlich	Brick	Incendiary	Stable		Alley between K and L and 6th and 7th streets, s. e.		
5	Dec. 7	6.35 p. m.	514		do	Defective flue	Mattress factory		Alley between L and M and 18th and 19th streets.	Slight.	
6	Dec. 8	7.45 p. m.	32		do	do	Dwelling		2142 Pennsylvania avenue	1,000	1,000
7	Dec. 9	10.40 a. m.	315	T. H. Wegeman.	do	do	School		Virginia avenue, bet. 7th and 8th sts	Slight.	
8	Dec. 11	11.50 a. m.	134		Brick	Spontaneous combustion.	Hotel		Pennsylvania ave., bet. 3d and 4th sts.	200	
9	Dec. 12	2.15 p. m.	*315	Sisters of Charity	Chimney	Lamp-explosion	Dwelling		Rapist alley	Slight.	
10	Dec. 13	5.25 p. m.	412		Brick	Race in matches	Grocery store.		Seventh street, bet. D and I. a. avenue	Slight.	
11	Dec. 15	8.30 a. m.	315		Brick	Unknown	Lumber yard.		Corner Washington and Water sts., Georgetown.	Slight.	
12	Dec. 15	5.15 p. m.	14	Mrs. Kirk	Frame	Incendiary	Cooper-shop		Water street above High, Georgetown	Slight.	
13	Dec. 19	9.05 a. m.	131		Brick	Carelessness with light.	Dwelling		Corner 7th and K streets and Massa. avenue.	Slight.	
14	Dec. 20	4.05 a. m.	17	Hall	Brick	Christmas candles	do		213 Virginia avenue	100	
15	Dec. 21	9.05 p. m.	134		Chimney	do	do				
16	Dec. 21	9.50 p. m.	721	Wheatley Bros	Frame	do	do				
17	Dec. 23	11.40 p. m.	721		do	do	do				
18	Dec. 24	11.15 p. m.	125	Vanderwerken	do	do	do				
19	Dec. 25	2.30 a. m.	47	M. Hartwell	do	do	do				
20	Dec. 26	11.15 a. m.	125		do	do	do				
	Total.										
1	1876.										
1	Jan. 1	12.30 a. m.	*216		Chimney	Christmas tree					
2	Jan. 1	6.15 p. m.	143		Chimney	Coal-oil can					
3	Jan. 1	6.45 p. m.	123		Chimney	Coal-oil can					
4	Jan. 2	7.15 a. m.	37		Chimney	Coal-oil can					

5	JAN. 3	9.00 a. m.	134	Chimney	Gas explosion	Dwelling	707 H street, n. w.	Slight	900
6	JAN. 4	4.10 a. m.	125	Brick	Unknown	Canly factory	11 st, between 6th and 7th sts, n. w.	Slight	900
7	JAN. 5	9.00 a. m.	16	do	Unknown	Canly factory	809 H street, n. w.	Slight	100
8	JAN. 6	11.00 a. m.	413	Chimney	Oil-lamp explosion	Dwelling	Corner 5th and Q streets, n. w.	Slight	100
9	JAN. 7	8.40 p. m.	26	Frame	do	do	1236 7th street, n. w.	Slight	9,200
10	JAN. 8	2.40 p. m.	25	Brick	Unknown	Cooper-shop	Water street, between High and Con-	Slight	9,200
11	JAN. 9	11.35 p. m.	731	Frame	Unknown	Cooper-shop	gress streets, Georgetown.	Slight	9,200
12	JAN. 10	6.10 p. m.	63	do	Stove-pipe	Dwelling	Jackson alley	Slight	300
13	JAN. 11	9.45 a. m.	38	Brick	Heater	School	Twenty-first st, bet. K and L sts, n. w.	Slight	300
14	JAN. 11	8.10 p. m.	*36	Brick	Stove	Dwelling	Balt. and Potomac depot, 6th and B sts	Slight	300
15	JAN. 12	5.30 a. m.	16	Car	Stove	Baggage-car	800 G street, n. w.	Slight	300
16	JAN. 13	5.35 p. m.	413	Brick	Lamp	Dwelling	Virginia ave, bet. 3d and 4th sts, s. e.	Slight	500
17	JAN. 23	7.40 a. m.	254	Frame	Stove-pipe	do	Eloventh st, bet. P and Q sts, n. w.	Slight	500
18	JAN. 24	10.08 a. m.	37	Brick	Flue	do	Fifth st, between 2d and 3d sts, s. e.	Slight	500
19	JAN. 25	3.50 p. m.	212	Brick	Incendiary	do		Slight	500
20	JAN. 27	5.00 a. m.	538	Frame	Coal-oil lamp	do		Slight	500
21	JAN. 31	2.40 p. m.	56	Frame	Coal-oil lamp	do		Slight	500
22	JAN. 31	11.35 p. m.	56	Frame	Coal-oil lamp	do		Slight	500
Total.								3,700	9,700
1	FEB. 2	6.18 a. m.	141	Chimney	Incendiary	Cooper-shop	Water street, Georgetown	5,000	1,400
2	FEB. 2	10.10 a. m.	314	do	Stove-pipe	Brass foundry	Corner 11th and C streets, n. w.	5,250	100
3	FEB. 3			Brick	Incendiary	Cooper-shop	Alley between H and I streets, n. w.	250	
4	FEB. 4	10.00 p. m.	731	do	Stove-pipe	Brass foundry		250	
5	FEB. 5	11.40 a. m.	132	do	Stove-pipe	Brass foundry		250	
6	FEB. 5	8.15 p. m.	132	Chimney	Stove-pipe	Brass foundry		250	
7	FEB. 12	6.40 p. m.	132	Frame	Stove-pipe	Brass foundry		250	
8	FEB. 15	2.50 p. m.	125	Frame	Stove-pipe	Brass foundry		250	
9	FEB. 23	2.10 p. m.	25	do	Stove-pipe	Brass foundry		250	
10	FEB. 27	10.00 p. m.	613	do	Stove-pipe	Brass foundry		250	
Total.								5,500	1,500
1	MAR. 2	6.05 p. m.	**13		Lamp explosion			Slight	
2	MAR. 6	8.50 a. m.	**135		Lamp explosion			Slight	
3	MAR. 6	6.00 p. m.	145		Lamp explosion			Slight	
4	MAR. 8	7.35 p. m.	132	Brick	Gas jet	Dwelling	Thirteenth street, bet. E and F sts.	Slight	
5	MAR. 14	7.10 a. m.	51	do	do	do	New Jersey avenue, bet. B and C sts.	Slight	
6	MAR. 15	2.20 a. m.	315	Frame	Spontaneous combustion	Planing-mill	Twelfth street and Ohio avenue	500	
7	MAR. 20	7.55 p. m.	132	Brick	Spontaneous combustion	Planing-mill		500	
8	MAR. 23	10.55 p. m.	**523		Spontaneous combustion	Planing-mill		500	
9	MAR. 26	10.00 p. m.	613	Chimney	Gas jet	Dwelling	612 East Capitol street	150	
10	MAR. 30	7.15 p. m.	512	Brick	Stove	Stable	Theater alley	200	
11	MAR. 30	7.19 p. m.	136	do	Stove	Stable	1748 Q street, n. w.	200	
12	MAR. 29	7.30 p. m.	37	Frame	Bad flue	Dwelling		Slight	
Total.								850	

* False alarm.
† Box-key given to officer Vestman.
‡ Rekindling of fire of 4th instant.
§ False alarm from Stevens school.
|| Fire in the county.

Truck horse Dan fell dead on road to this fire.
Truck horse Dan fell dead on road to this fire.
Truck horse Dan fell dead on road to this fire.

Truck horse Dan fell dead on road to this fire.
Truck horse Dan fell dead on road to this fire.
Truck horse Dan fell dead on road to this fire.

Résumé of fires from November 15, 1875, to November 11, 1876—Continued.

No. of fire.	Date.	Hour.	Box.	Owner.	Style of building.	Cause.	How occupied.	Occupant.	Location.	Damage.	Insurance.
1	1876.										
2	Apr. 4	7.05 p. m.	53	I. Chelini	Frame	Unknown	Carpenter-shop		220 2d street, s. e.	Slight	.....
3	Apr. 7	3.45 p. m.	323	I. Hogan	do	Incendiary	Dwelling		720 11th street, s. e.	\$150	\$150
4	Apr. 10	6.25 p. m.	13	G. W. Phillips	Brick	Defective flue	do		428 3d street, n. w.	Slight	.....
5	Apr. 11	2.20 p. m.	72	S. P. Hill	do	do	do		Rock street, Georgetown	Slight	.....
6	Apr. 11	6.45 p. m.	132	Mr. Draper	do	Furnace	Saw-mill		Corner 13th and D streets, n. w.	Slight	.....
7	Apr. 12	4.10 a. m.	125	H. Kandler	do	Incendiary	Fancy store		928 Seventh street, n. w.	3,000	3,000
8	Apr. 13	8.40 p. m.	313	do	do	do	do		do	.....	.....
9	Apr. 13	10.40 p. m.	212	N. Dillon	Frame	Unknown	Dwelling		1623 11th street, n. w.	500	500
10	Apr. 17	3.45 a. m.	223	Mr. Bradley	do	Incendiary	do		do	.....	.....
11	Apr. 17	3.50 a. m.	223	do	do	do	do		do	.....	.....
12	Apr. 17	9.05 p. m.	14	I. Barthol	Brick	Benzine	Dryer-house		Fourth-and-a-half st and Penn. avenue	200	200
13	Apr. 17	2.50 p. m.	531	F. Gaines	Frame	Incendiary	Dwelling		Fourth and C streets, n. e.	500	500
14	Apr. 21	1.20 p. m.	124	Thomas L. Hume	Brick	Matches	do		E street, between 6th and 7th sts, n. w.	3,000	3,000
15	Apr. 24	3.30 p. m.	37	do	Chimney	do	do		do	.....	.....
16	Apr. 26	9.20 p. m.	34	Mrs. Brown	Frame	Incendiary	Dwelling		N street, between 19th and 30th sts	100	.....
17	Apr. 27	9.45 a. m.	23	Mrs. Worth	Shed	do	do		1105 New Jersey avenue	Slight	.....
18	Apr. 27	7.30 p. m.	71	do	Brick	Accident	Dwelling		310 7th street, s. w.	Slight	.....
19	Apr. 28	9.00 p. m.	412	Mrs. Brown	Frame	do	do		Seventh street, bet. I and K sts, n. w.	150	150
20	Apr. 28	10.50 p. m.	125	J. Castleman	Brick	Incendiary	China-store		1009 6th street, s. w.	Slight	.....
21	Apr. 29	6.50 p. m.	415	do	Frame	Unknown	Dwelling		do	.....	.....
		Total.								7,600	7,500
1	May 2	12.40 p. m.	51	United States Gov't.	Brick	Unknown	Coast-Survey		New Jersey avenue and B street, s. e.	Slight	.....
2	May 2	7.50 p. m.	137	do	Frame	Sovereign	Dwelling		N street, bet. 14th and 15th sts, n. w.	150	150
3	May 5	9.30 p. m.	215	do	do	Gas-jet	do		Massachusetts av., bet. 10th and 11th	Slight	.....
4	May 14	12.20 p. m.	14	do	do	Chimney	do		do	.....	.....
5	May 20	9.50 a. m.	134	do	do	Chimney	do		do	.....	.....
6	May 28	11.50 a. m.	73	do	do	Chimney	do		do	.....	.....
		Total.								150	150
1	June 7	9.25 p. m.	51	do	Frame	Lamp explosion	Dwelling	Cox	23 D street, s. w.	15	.....
2	June 9	1.40 a. m.	712	do	do	Accident	Meat-house	S. Byers	Fredricks street, between ad and 3d streets, Georgetown.	.....	.....
3	June 9	9.20 p. m.	28	do	do	do	Stables		Nineteenth st., bet. P and Q sts., n. w.	1,400	1,400
4	June 13	2.10 p. m.	417	D. Davis et al.	Frame	Incendiary	Shed		F street, between 10th and 11th sts.	Slight	.....
5	June 13	4.15 p. m.	131	Repub'n headq'ters	do	do	do		Fourteenth st., bet. C and D sts, s. w.	.....	.....
6	June 17	11.20 p. m.	136	do	do	do	do		do	.....	.....
7	June 30	4.55 p. m.	73	do	do	Sovereign	Kitchen		do	.....	.....
		Total.								1,415	1,400

1	July 2	2 05 a. m.	521	Frame	Incendiary.	Dwelling	Fourteenth and C streets, s. e.	1, 100
2	July 3	7 50 a. m.	51	Brick	Unknown	In shop	Pennsylvania ave., bet. 17th and 18th	500
3	July 4	4 00 a. m.	95	Brick	Chinese crackers	Dwelling	1110 7th street, n. w.	Slight.
4	July 5	9 45 p. m.	198	do	Gas-jet	Clothing store	Seventh street, between M and N sts	1, 500
5	July 6	10 00 p. m.	131	Brick	Explosion coal-oil	Restaurant	Ninth street, near D street	Slight.
6	July 7	10 05 a. m.	131	Brick	Bolling tar	Woodshed	Seventh street wharf	150
7	July 8	7 50 a. m.	127	do	Unknown	Dwelling	I street, bet. 9th and 10th sts, n. w.	Slight.
8	July 9	1 45 a. m.	125	Brick	Matches	Furniture store	Seventh street, bet. G and H sts, n. w.	1, 400
9	July 10	9 15 a. m.	431	do	Incendiary	Dwelling	Fourteenth street, bet. C and B sts	Slight.
10	July 11	9 15 a. m.	41	Brick	do	Grocery	611 Maryland avenue, s. w.	400
11	July 12	12 15 a. m.	71	do	Sparks from engine	Shed	60 Gay street, Georgetown	15
12	July 13	7 15 p. m.	63	do	Sparks from chim-	Dwelling	I street and Delaware avenue, n. e.	Slight.
13	July 14	2 00 p. m.	37	Brick	ney.	Brewery	Twentieth street, bet. M and N sts.	250
Total.								5, 900
1	Aug. 6	6 45 p. m.	138	Coal-ol expl	Spontaneous com-	Junk shop	B street, bet. 6th and 7th sts, n. w.	Slight.
2	Aug. 7	10 45 p. m.	17	Brick	bustion.			Slight.
3	Aug. 15	7 30 a. m.	413	Coal-ol expl			Fourth-and-a-half and G streets, s. w.	Slight.
4	Aug. 21	7 53 p. m.	43	do			Tenth and C streets, n. w.	Slight.
5	Aug. 27	2 00 a. m.	126	do			O street, bet. 15th and 16th sts. west.	300
6	Aug. 28	3 55 a. m.	216	Frame	Incendiary.	Dwelling		Slight.
7	Aug. 29	7 45 p. m.	134	Coal-ol expl				300
Total.								300
1	Sept. 1	1 40 p. m.	56	Tar-pot				
2	Sept. 2	12 45 p. m.	423	Shavings	Range	Cook-house	100 C street, s. e.	200
3	Sept. 3	4 15 a. m.	47	Frame	Accident	Dwelling	923 15th street, n. w.	25
4	Sept. 4	6 40 p. m.	53	Brick	Incendiary	do		150
5	Sept. 5	11 30 p. m.	521	Frame			K street, bet. 7th and 8th sts, n. w.	300
6	Sept. 8	12 03 a. m.	632		Incendiary	Oil and paint shop.		
7	Sept. 17	1 35 a. m.	125	Brick	do	Dwelling	163 North A street.	
8	Sept. 19	3 10 a. m.	28	Frame			916 11th street, n. w.	
9	Sept. 30	10 00 a. m.	52	Chimney				
10	Sept. 23	6 45 p. m.	131	Coal-ol expl				
Total.								675
1	Oct. 1	6 40 p. m.	114	Brick	Gas-jet.	Shoe store	Penn. ave., bet. 4th and 6th sts, n. w.	Slight.
2	Oct. 3	1 15 a. m.	23	do	do	Grocery	New York avenue, bet. 3d and 4th sts	Slight.
3	Oct. 3	12 25 p. m.	63	do	Sore	Dwelling	Corner I and 1st streets, n. e.	Slight.
4	Oct. 7	11 50 p. m.	134	Frame	Unknown	do		
5	Oct. 11	5 55 p. m.	134	Brick	Sore	do	New York avenue, near 12th street.	500
6	Oct. 12	6 50 p. m.	423	Frame	Candle	do	510 11th street, s. w.	Slight.
7	Oct. 13	7 30 p. m.	117	Brick	Coal-ol set fire by candle.	Grocery	Seventh street, between D and Louisiana avenue.	10,000

False alarm. In country. § Test alarm. ¶ Nos. 6, 2, and 4 engines broke down. ¶ Nos. 3 and 6 engines broke down. § Test alarm. ¶ Nos. 6, 2, and 4 engines broke down. ¶ Nos. 3 and 6 engines broke down.

In county.

* False alarm.

† False alarm by District Telegraph Company.

§ Test alarm.

|| Nos. 3 and 6 engines broke down.

¶ Nos. 6, 2, and 4 engines broke spring.

Resumé of fires from November 15, 1875, to November 11, 1876—Continued.

Date.	Hour.	Box.	Owner.	Style of building.	Cause.	How occupied.	Occupant.	Location.	Damage.	Insurance.
1876.										
8 Oct. 14	5.10 a. m.	135	S. Phillips	Brick	Fireplace	Dwelling		Twelfth and K streets, n. w.	Slight.	
9 Oct. 14	9.30 p. m.	94	R. Pittman	do	Candle	Freestore		Corner 4th and N streets, n. w.	Slight.	
10 Oct. 19	6.55 p. m.	43	J. French	do	Coal-oil	Dwelling		102 H street, s. w.	\$100.	
11 Oct. 20	5.10 p. m.	134	C. W. Bennett	do	Gas meter	do		Corner 11th and H streets, n. w.	50	
	Total.								10,930	\$7,500
1 Nov. 5	7.05 p. m.	19			Explosion of coal-oil lamp					
2 Nov. 11	5.40 a. m.	712	Trinity church	Brick	Defective flue	School-house		Cor. 2d and Frederick sts., Georgetown	75	75
3 Nov. 11	6.15 p. m.	*13		do	Lamp explosion	Dwelling		Corner B and 3d streets, n. w.	Slight.	
	Total.								75	75

* One negro woman severely burned.

MARTIN CRONIN,
Chief Engineer of Fire Department, District of Columbia.

INVENTORIES OF PROPERTY AND LISTS OF OFFICERS AND MEN OF DIFFERENT COMPANIES TO ACCOMPANY REPORT OF CHIEF ENGINEER.

NOVEMBER 1, 1876.

No. 1 engine company's inventory of stock, &c.

BED AND SITTING ROOMS.

1 sofa.	1 wash-stand and bath-tub.
1 stove.	1 soap-dish.
8 arm-chairs.	1 bucket.
1 center-table and cover.	1 oil-cloth in bath-room.
2 looking-glasses.	1 step-ladder.
2 department pictures.	2 dust-pans.
1 clock.	1 coal-hod.
1 feather duster.	1 shovel.
2 carpets.	4 door-mats.
2 stair-carpet.	1 writing-desk.
24 rods.	2 dust-brushes.
12 spittoons.	1 piece zinc.
10 chairs.	1 record-book.
20 sheets and mattresses.	1 roll-book.
10 feather pillows.	1 stub-book.
5½ blankets.	1 scrub-brush.
20 slips.	59 yards of crash.
20 spreads.	10 window-shades.
1 alarm-gong.	1 comb and brush.
1 old gong.	1 copy of rules.
2 pieces oil-cloth.	6 panes of glass.

ENGINE DEPARTMENT.

1 steam fire-engine, complete.	1 clock.
6 assorted wrenches.	1 duster.
1 large monkey-wrench.	1 stove.
1 small wrench.	1 coal-hod and shovel.
2 spanners.	10 old spittoons.
1 pair tongs.	2 tons engine-coal.
2 lamps.	5 tons stove-coal.
6 files.	1 old cooler and watering-pot.
1 clock.	3 old wrenches.
1 extra suction.	4 Jones couplings.
No. 6 poles.	1 engine-pole.
12 feet steam-hose.	4 old engine-wheels.
2 extra oil-cans.	2 old engine-grates.
8 chairs.	1 old lamp and shovel.
1 whip.	

HOSE DEPARTMENT.

1 hose-carriage, complete.	1 smoke-cap.
3 leather pipes.	1 compound hose-pipe.
4 old C-wheels.	5 Jones couplings.
1 oil-pump.	2 Johnson pumps.
150 feet old rope.	1 extra pole.
650 feet new leather hose.	6 nozzles.
700 feet old hose.	1 patent hose-oiler.
1 brass pipe and picket-rope.	250 feet old gum hose.
1 life-line.	1 extra cushion.

STORE-HOUSE DEPARTMENT.

18 pounds tripoli.	2 old lamps.
15 pounds waste.	3 new lamps.
6 new hame-straps.	2 shovels.
4 new files.	1 fork.
4 corn brooms.	6 sheets emery-cloth.
12 chamois-skins.	1 pound acid.
¼ box B. soap.	6 B-wicks.
1½ bars C. soap.	2 pounds gum-packing.
2 stable-brooms.	6 oil-cans.

No. 1 Engine Company's inventory of stock, &c.—Continued.

2 pounds R. stone.
 $\frac{1}{2}$ gross matches.
 $\frac{1}{2}$ gallon arnica.
 6 sponges.
 1 pair scales.
 1 new coal-hod.

2 stove-brushes.
 5 pounds B. tallow.
 1 peck of salt.
 1 white wash-brush.
 5 gallons machine-oil.

HOSTLER'S DEPARTMENT.

4 horses, (1 sick, 1 extra.)
 4 collars, old.
 4 sets of harness, complete.
 2 saddles.
 4 new blankets.
 4 old blankets.
 2 forks, curry-combs, and brushes.
 2 mane-brushes.
 1 clipping-machine.

3 buckets.
 2 old brooms.
 55 bushels of oats.
 600 pounds straw.
 1,200 pounds hay.
 500 feet pine for stable-floor.
 1 wheelbarrow.
 1 leg-boot for horse.

LIST OF MEMBERS.

Names.	Age.	Occupation.	Residence.
Joseph Parris, foreman	40	Plasterer	L, bet. 18th and 19th sts.
James Moriarity, engineer	36	Machinist	K, bet. 20th and 21st sts.
H. B. Reed, fireman	33	Gas-fitter	23d, bet. G and H sts.
Aug. Dunbar, hostler	33	Laborer	2112 N st.
G. D. Spellman, private	31	Laborer	24th, bet. L and M.
Frank Donnelly, private	33	Pattern-maker	1237 9th st.
William French, private	33	Laborer	L, bet. 18th and 19th sts.
Joseph Daniels, private	31	Jeweler	916 Delaware ave.
S. E. Edwards, private	30	Blacksmith	162 R st.
Daniel Williams, private	35	Laborer	1212 24th st.

Respectfully, yours,

JOS. PARRIS,
Foreman.

MARTIN CRONIN,
Chief Engineer District of Columbia Fire Department.

WASHINGTON, November 3, 1876.

Inventory of articles in No. 2 engine-house.

ENGINEER'S DEPARTMENT.

1 single pump, upright tank, Amoskeag engine, in first-class order, with 20 feet of suction-pipe.
 1 patent relief-valve and Shaw's patent heater attached.
 1 spring-bottom oiler.
 2 spanners.
 2 monkey-wrenches.
 1 screw S-wrench.
 2 S-wrenches.
 2 socket-wrenches.
 1 five-gallon machine-oil can.
 1 five-gallon coal-oil can.
 2 gallons of machine-oil.
 5 gallons of coal-oil.
 1 one-gallon machine-oil can.

1 $\frac{1}{2}$ gallons axle-oil and can.
 2 flat files.
 2 half-round files.
 1 soldering-iron.
 $\frac{1}{2}$ stick of solder.
 1 pair of regulating pipe-tongs.
 1 screw-jack.
 1 cord of pine wood.
 2 $\frac{1}{2}$ tons of splint coal.
 2 pounds of steam packing-gum.
 2 pounds of sheet-gum packing.
 4 balls of cotton lamp-wick.
 20 pounds of cotton waste.
 5 pounds of whiting.
 $\frac{1}{2}$ pound of oxalic acid.
 3 papers of tripoli.

Inventory of articles in No. 2 engine-house—Continued.

1 dozen sheets of emery-cloth.
 1 pair of wire pliers.
 1 vise and bench.
 1 hammer.
 2 cold-chisels.
 4 extra engine-wheels, very old.

1 extra engine-pole.
 1 Y connection for fire-plug.
 2 gum goose-necks.
 2 hand-lanterns.
 1 clock.

HOUSE DEPARTMENT.

10 iron bedsteads.
 10 hair mattresses, new.
 10 old shuck-mattresses.
 10 feather pillows.
 8 old hair pillows.
 10 new bed-spreads.
 20 old bed-spreads.
 30 blankets.
 1 dozen new pillow-slips.
 20 old pillow-slips.
 1 dozen sheets, in good order.
 1 dozen sheets, much worn.
 2 carpets, in good condition.
 40 yards of linen crash.
 12 yards of stair-carpet.
 12 yards of stair oil-cloth.
 18 brass stair-rods.
 12 cuspidor spittoons.
 9 gum spittoons, old.
 2 blocks.
 1 dozen new arm-chairs.
 10 old arm-chairs.
 6 tons of hard stove-coal.
 2 stoves and pipe.

2 coal hods.
 2 poker.
 2 dust-brushes.
 2 stove-blackening brushes.
 1 dust-pan.
 2 feather dusters.
 1 sprinkling-pot.
 2 door-mats.
 1 looking-glass.
 1 hair-brush.
 2 combs.
 1 center-table.
 1 table-cover.
 1 secretary.
 2 stove-shovels.
 2 wash-stands.
 1 bath-tub.
 7 window-shades.
 1 Bible.
 1 blank roll-book.
 1 blank alarm-book.
 1 blank day-book.
 1 requisition-book.
 1 step-ladder.

HOSEMEN'S DEPARTMENT.

1 hose-carriage.
 850 feet of leather hose in good order.
 650 feet leather hose, wants repairing.
 2 axes.
 2 ladder-straps.
 2 Jones coupling.
 1 reducer.
 1 brass Y connection-coupling for hose.
 4 leather pipes and nozzles.
 1 gum pipe and patent cut-off nozzle.
 1 pair of shafts.
 1 brass pipe.

1 pipe-holder.
 2 Johnson's hand-pumps.
 1 smoke-cap.
 2 hand-lamps.
 100 feet of picket-rope.
 100 feet of life-line.
 4 old nozzles.
 1 patent oil-pump for oiling hose.
 25 gallons of hose-oil.
 1 gum water-bucket.
 1 extra carriage-pole.
 1 carriage-jack.

HOSTLER'S DEPARTMENT.

4 horses, in good order.
 2 sets of double harness.
 1 set of old double harness.
 4 extra bridle-bits.
 4 old collars.
 3 extra traces.
 6 old halter-stems.
 1 new pad riding-saddle.
 1 old pad-saddle.
 1 patent hand clipping-machine.
 2 curry-combs.
 2 hair horse-brushes.
 1 common horse-brush.
 1 mane-comb.
 1 footlock-comb.
 2 whips.
 2 old bridles.
 1 harness-punch.
 1 pint of arnica.

40 bushels of oats.
 900 pounds of hay.
 700 pounds of straw.
 6 bushels of mixed feed.
 1 peck of rock salt.
 1 peck of flaxseed meal.
 4 horse-blankets and horse-hoods.
 1 cutting-box.
 1 feed-bin.
 2 pitchforks.
 1 box to mix feed.
 1 peck measure.
 3 knee-pads.
 4 hitching straps.
 1 dozen assorted snaps.
 1 set of lead bars.
 1 water-bucket.
 4 surcingle.
 1 set of interfering rollers.

Inventory of articles in No. 2 engine-house—Continued.

4 old collar-pads.	2 old stable-brooms.
2 new set of pole-straps and improved pole-snaps (2 set.)	1 shovel.
2 old set pole-straps.	4 collar-pads, new.
2 old set of breast-straps.	1 feed-sieve.
	4 horse-troughs.

MISCELLANEOUS.

50 feet of garden-hose.	1 alarm-gong.
1 pair of shears.	1 brush for dusting walls.
4 extra glass lamps, globes.	1 copper-bottom water-boiler
4 extra glass water-gauges.	1 coffee-boiler.
6 chamoise-skins.	8 tin cups.
1 pound of sponge.	6 corn-brooms.
30 bars of castile soap.	3 hickory brooms.
30 bars of brown soap.	1 old carriage-cushion.
2 packages of stove-polish.	1 horse-bucket.
½ gross of matches.	1 cross-cut saw.
2 scrub-brushes.	1 hatchet.
3 paint-brushes.	1 jack-plane.
½ gallon of linseed-oil.	5 pounds of nails.
½ gallon of varnish.	1 old carriage-spool.
½ dozen lamp-wicks.	½ dozen window-lights.
1 old table.	

LIST OF MEMBERS.

Names.	Age.	Occupation.	Residence.
William A. Shedd, foreman	35	Machinist	317 12th st., n. w.
Samuel Dawes, engineer	37	Carpenter	920 D st., n. w.
Thomas I. Martin, fireman	37	Blacksmith	1369 D st., n. w.
Samuel Ricks, hostler	38	Hostler	106 Willow alley. s. w.
Charles Mead, private	35	Carpenter	451 I st., n. w.
Daniel McDevitt, private	29	Laborer	815 G st., s. w.
Joseph Lenman, private	21	Blacksmith	409 11th st., n. w.
Frank Snyder, private	34	Hostler	2318 M st., n. w.
John Brosnan	24	Paver	1017 17th st., n. w.

Respectfully submitted.

WM. A. SHEDD,
*Foreman No. 2 Engine Co.*Chief Engineer MARTIN CRONIN,
District of Columbia Fire Department.

NOVEMBER 2, 1876.

Inventory of property of No. 3 engine.

ENGINEER'S DEPARTMENT.

1 Clapp & Jones engine, complete.	1 pair breeches for engine.
3 gallons machine-oil.	10 pounds waste cotton.
1 gallon coal-oil.	1 pair scissors.
1 small hand-axe.	6 papers tripoli.
9 sheets emery-cloth.	1 thaw-cock.
1 pound whiting.	10 feet small hose.
2 monkey-wrenches.	4 nozzles.
2 oil-cans.	2 brass pipes.
1 hammer.	2 lanterns.
2 goose-necks, one old and one new.	2 small packing-wrenches.
4 tons soft coal.	1 large spanner for air-vessel.
½ cord pine wood.	1 small spanner.
2 jack-screws.	2 shovels, old.

Inventory of property of No. 3 engine—Continued.

HOSTLER'S DEPARTMENT.

4 horses.
2 sets double-harness, old.
4 horse-blankets, old.
2 whips, old.
1 feed-bin, new.
1 scoop-shovel, old.
2 horse-buckets, old.
1 pitchfork, old.

2 curry-combs, old.
2 horse-brushes, old.
35 bushels oats.
700 pounds hay.
1 clipping-machine.
700 pounds straw.
1 cutting-box.



HOSE DEPARTMENT.

1 hose-carriage, complete.
2 leather pipes.
2 gum pipes.
2 lanterns.
2 fire-axes.
1 guard-line.
200 feet life-line.

1 box-wrench.
950 feet leather hose, condition good.
2,000 feet linen hose, condition good.
12 lamp-wicks.
2 chamois, good.
2 chamois, old.

HOUSE AND FURNITURE.

24 chairs, condition good.
2 center-tables, condition good.
2 table-covers, condition good.
2 rugs, condition good.
2 carpets, condition good.
2 stair-carpets and rods, condition good.
20 mattresses, old.
10 bedsteads, condition good.
20 pairs blankets, condition good.
20 bed-spreads, condition good.
20 sheets, condition good.
20 pillow-cases, condition good.
6 towels, condition good.
10 pillows, condition good.
90 yards linen for carpets, condition good.
1 looking-glass, condition good.
18 spittoons, condition good.
2 brooms, old.
2 mats, old.
6 mops, complete.
6 globes.
1 box brown soap.

3 bars castile soap.
2 scrub-brushes.
1 writing-desk.
1 water-cooler.
2 stoves, old.
2 small center-tables.
1 clock.
15 window-curtains.
1 dust pan and brush.
2 feather dusters, old.
1 wall-brush.
12 tons furnace-coal.
2 sponges.
1 striking-apparatus.
1 communicating-instrument.
1 handsaw.
1 hatchet.
20 feet small hose.
1 vise.
4 files.
1 set of rules.

LIST OF MEMBERS.

Name.	Occupation.	Residence.
James Lowe, foreman.....	Carpenter ...	A st., bet. 1st and 2d, n. e.
William Leeman, engineer	Machinist ...	209 2d st., s. e.
Francis Lewis, fireman	Painter	5th, bet. C and D sts., n. e.
Michael Kane, hostler.....	Hostler	
Walter Cox, private	Carpenter ...	403 N. J. ave., s. e.
James Frazier, private	Sailor	227 6th st., n. e.
William Kirkpatrick, private.....	Carpenter ...	13 B st., n. e.
Jerry O. Leary, private.....	Blacksmith ..	North Capitol and Mass. ave.
Robert Dixon, private.....	Waiter	N. Y. av., bet. 6th and 7th, n. w.

Respectfully, your obedient servant,

WILLIAM LEEMAN,
Acting Foreman No. 3 Engine.

To Chief Engineer MARTIN CRONIN,
District of Columbia Fire Department.

Inventory of articles on hand and in use by No. 4 engine company, District of Columbia fire department, for November 1, 1876.

1 brick engine-house and stable connected, with gas and water.	30 blankets.
1 third-class Silsby engine, complete.	1 clock.
1 goose-neck.	1 parlor-stove.
3 blind-caps.	2 mirrors.
2 extra wheels.	12 chairs.
5 lamps.	1 writing-desk.
3 spanner-wrenches.	1 scrub-brush.
1 monkey-wrench.	1 window-brush.
1 slice-bar.	2 feather dusters.
2 reducers.	1 floor-mop.
1 two-horse hose-carriage.	2 old carpets
2, 200 feet of canvas hose.	7 pieces of oil-cloth.
450 feet of leather hose, in good order.	25 sheets.
550 feet of leather hose, in bad order.	14 towels.
150 feet of gum hose, in bad order.	20 pillow-slips.
6 hose-straps.	6 window-curtains.
3 hose-pipes.	1 table.
1 pipe-holder.	1 table-cover.
2 Johnson pumps.	3 short ladders.
2 fire-axes.	1 Gould heater.
50 feet cotton rope.	2 stoves.
4 horses.	1 wood-ax.
3 sets double-harness.	2 gum buckets.
1 set single-harness.	1 hammer.
1 fuel-cart.	1 bench-vise.
4 extra bridles.	2 one-gallon oil-cans.
3 pitchforks.	1 handsaw.
1 pad-saddle.	1 hatchet.
2 horse-brushes.	1 washer-cutter.
2 curry-combs.	2 screw-jacks.
3 stable-buckets.	1 gallon lard-oil.
1 stable-shovel.	1½ tons splint-coal.
4 horse-blankets.	½ cord pine wood.
4 extra halters.	2 extra nozzles.
15 bushels oats.	1 washstand.
600 pounds hay.	3 coal-hods.
150 pounds straw.	3 old door-mats.
6 hame-straps.	1 frame rules.
12 snaps.	1 extra carriage-pole.
1 cutting-box.	2 horses.
2 window-curtains, stable.	1 water-cooler.
10 iron bedsteads.	50 feet of street-hose.
4 halter-stems.	13 tons egg-coal.
12 spittoons.	1 piece zinc.
20 mattresses.	1 extra engine-pole.
20 pillows.	3 one-horse wagons.
	2 sets single-harness.

LIST OF MEMBERS.

Names.	Age.	Occupation.	Residence.
William T. Sorrell, foreman	41	Mariner	412 12th st., s. w.
Thomas G. Good, engineer	34	Engineer	493 H st., s. w.
Levi Moling, fireman	32	Blacksmith	919 F st., s. w.
A. Dunbar, hostler	33	Laborer	2112 N st., n. w.
F. H. Myers, private	25	Carpenter	Union st., bet. M and N, 4½ and 6, s. w.
R. Keyes, private	25	Laborer	482 School st., s. w.
William White, private	34	Brick-maker	124 Willow-tree alley, s. w.
John Waldron, private	30	Paver	301 D st., s. w.
William Ricks, private	25	Engineer	126 Willow-tree alley.
James W. Robinson, private	33	Mariner	419 E st., s. e.
R. H. Holand, temporary	41	Butcher	1310 L st., n. w.

Respectfully submitted.

WM. T. SORRELL,

Foreman No. 4 Engine Company, District of Columbia Fire Department.

NOVEMBER 4, 1876.

SIR: I most respectfully submit the following list of property of No. 5 engine company:

One house, High street between Bridge and Grace streets, Georgetown, with large bell and hose-tower attached.

ENGINEER'S DEPARTMENT.

1 double-pump second-class Amoskeag engine, complete.	2 old sets of crank-brasses.
1 Basshor coil-heater.	4 monkey-wrenches.
1 Pruntye's relief-valve, in bad condition.	1 bucket.
4 extra wheels.	2 patent pole-strap snaps.
2 squirt-cans.	4 figure 8 rings.
1 machine oil-can.	4 leather pole-straps.
2 gallons machine-oil.	4 leather half-traces.
1 screw-jack.	4 chain-traces.
5 file.	2 pole-chains.
1 shovel.	2½ pounds tallow.
1 slice-bar.	2 old springs.
1 tube-scraper.	1 extra grate-bar.
2 sets of Jones sleeve-connections.	4 balls lamp-wick.
2 reducers.	3 pounds Selden's packing.
1 hand-ax.	25 pounds waste.
1 feather duster.	3½ pounds gum-packing.
1 vise and bench.	1 cord sawed and split wood.
50 feet of rope.	1½ tons of splint coal.
1 plug wrench.	1 extra seat cushion.
30 old valve-springs.	1 whip.
2 extra sets of pump-cups.	2 brass pipes and nozzles.
10 wrenches.	1 clock.
4 lanterns.	1 extra steam-gauge.
	1 register-gauge.

HOSE-CARRIAGE DEPARTMENT.

1 hose-carriage, complete, with 1,200 feet of canvas hose.	1 cut-off nozzle.
750 feet of extra canvas hose.	1 pipe-holder.
50 feet of bursted canvas hose.	5 ladder-straps.
100 feet of old gum hose.	2 jacks.
7 leather hose pipes and nozzles.	4 lanterns.
	2 Johnson force-pumps.

No. 5 engine company—Continued.

1 plug-wrench.	2 old springs.
1 reducer.	1 large nut-wrench.
1 bucket.	1 leather goose-neck.
1 pair of shafts.	1 ten-gallon hose oil-can.
4 extra wheels.	1 feather duster.
1 extra pole.	4 gum bumpers.
2 single-trees.	1 smoke cap and box.
4 leather half traces.	2 pipe racks.
4 leather pole-straps.	2 2½-inch taps.
2 patent pole-strap snaps.	1 carriage.
4 figure 8 rings.	1 extra pair of shafts.
50 feet of street-rope.	4 extra wheels.
100 feet of life-line.	1 whip.
1 fire-ax.	1 lamp and globe for assistant chief.
3 sets of Jones hose-connections.	

HOSTLER'S DEPARTMENT.

6 horses, 4 for company use, 2 for assistant chief.	1 old wagon
4 sets of double-harness, complete.	1 shovel.
1 dutch collar.	4 stable brooms.
3 sets of single-harness, complete, for assistant chief.	1 saddle.
6 horse-blankets.	3 old bridles.
4 horse-hoods.	4 old bits.
1 gum horse cover.	1 halter.
1 clipping-machine.	6 halter straps.
2 buckets.	1 halter chain.
2 curry-combs.	4 hitching straps.
2 horse-brushes.	1 old set of double lines.
2 pitchforks.	1 hay-cutter.
6 surcingles.	4 cans of harness-oil.
1 watering-trough.	1 single block.
	1 double block.
	100 feet rope.

FEED.

60 bushels oats.	2 bushels meal.
800 pounds hay.	3 bushels bran.
600 pounds straw.	¼ peck flaxseed meal.

HOUSE DEPARTMENT.

1 fire-alarm gong.	2 book-cases.
10 iron bedsteads.	12 lockers.
20 mattresses.	1 water-cooler.
10 feather pillows.	3 buckets.
9 hair pillows.	2 stoves and pipe.
30 white double blankets.	2 stove-brushes.
9 gray blankets.	6 papers of stove-polish.
70 sheets.	1 coal-hod.
40 pillow-slips.	2 small shovels.
20 towels.	1 large shovel.
39 bed-spreads.	8 tin cups.
1 old carpet for bunk-room.	8 spoons.
1 oilcloth for bath-room.	1 coffee-pot.
1 stair carpet.	1 bucket for coffee.
1 stair oilcloth.	1 bucket for sugar.
16 brass stair-rods.	1 feather duster.
59 yards of carpet crash.	2 hair dusters.
4 floor-mats.	1 dust-pan.
18 chairs.	4 scrubbing-brushes.
20 spittoons.	2 floor-mops.
1 clock.	2 sprinkling-cans.
1 desk.	75 feet of street hose and pipe.
1 table.	2 whitewash brushes.
16 window-shades.	1 washer-cutter.
8 old window-shades.	1 tin boiler.
1 looking-glass.	1 hand-saw.
1 comb and brush.	1 hatchet.

No. 5 engine company—Continued.

1 step-ladder.
2 company books.
2 blank-books.
1 requisition-book.
15 tons of hard coal,

1 bath-tub.
1 washstand.
1 urinal.
1 water-closet.

STORES.

12 papers of eagle tripoli.
6 papers of Drew's tripoli.
6 lamp-burners.
20 pounds nails.
2 papers of tacks.
3½ gallons of coal-oil.
1 coal-oil can.
12 sheets of crocus cloth.
14 sheets of emery cloth.
15 boxes of matches.
4 boxes of axle-grease.

1 box of brown soap.
6 bars of castile soap.
8 corn brooms.
8 lamp-wicks.
3 pounds of oxalic acid.
1 pound of whiting.
1½ pounds of rotten-stone.
3 pounds of sponges.
8 chamois.
8 lamp-globes.
4 unserviceable lanterns.

LIST OF MEMBERS.

Names.	Age.	Occupation.	Residence.
Louis P. Lowe, foreman.....	28	Clerk	133 Dunbarton st.
Edward Rhoda, engineer.....	37	Engineer	Grace st. near High st.
J. D. Angell, fireman	29	Engineer	Grace st. near High st.
James Mahorney, hostler	35	Carpenter	14 3d st.
Albert Dodson, assistant hostler ..	32	Laborer	38 4th st.
James Cleavland, private	34	Shoemaker	168 Bridge st.
Albert Murray, private	38	Laborer	17 2d st.
James T. Norris, private	32	Laborer	38 High st.
Churchill Hnitt, private	30	Laborer	711 23d st.
John W. Walker, private.....	39	Bricklayer	190 Bridge st.

Very respectfully,

LOUIS P. LOWE,
Foreman No. 5 Engine Co.

MARTIN CRONIN,
Chief Engineer District of Columbia Fire Department.

SIR: The following is a correct inventory of property under my charge at No. 1 truck-house, District of Columbia fire department :

TILLERMAN'S DEPARTMENT.

1 hook-and-ladder truck, with gong.
10 ladders, different lengths, including
Chief Cronin's patent aerial ladder.
8 Johnson hand-pumps.
7 axes.
12 canvas buckets.
1 wire basket.
1 wall chain.
2 gas keys.
4 pitchforks.
2 large fire-hooks.
5 small fire-hooks.
4 brass lanterns.
2 ladder-halyards, (hemp rope.)
6 ladder-lifts, (hemp rope.)
3 ladder-guys, (grass rope.)

1 street rope, (hemp.)
2 life-lines, (cotton rope.)
2 sections linen hose.
4 bucket-bars.
1 cushion for driver's seat.
1 cushion for tillerman's seat.
2 fire-extinguishers.
4 fire smoke-caps in tin cases.
1 shingle-spade.
1 shingle-bar.
4 iron stanchions for street-ropes.
1 iron brace-bar.
1 tiller-wheel strap.
1 brake-wheel strap.
1 tiller-seat strap.

No. 1 truck-house—Continued.

1 driver's-seat strap.
2 ladder-straps.
2 hose-carriages.
9 sections of leather hose.
2 leather hose-pipes.
3 brass nozzles.

2 hose-straps.
2 hose-spanners.
1 brass reducer.
1 pair hose-carriage shafts.
1 cylinder-strap.
1 cushion for driver's seat.

HOSTLER'S DEPARTMENT.

5 horses.
1 double set of harness, complete, (new.)
2 double set of harness, complete, (old.)
1 singleset of harness, hose-carriage, (old.)
1 set harness, chief engineer's wagon, new.
2 sets harness, chief engineer's wagon, old.
3 extra collars.
1 saddle and bridle, chief's.
5 horse-blankets.
2 horse-buckets.
1 half-peck measure.
1 stable-broom.
2 pitchforks.
2 curry-combs.
2 horse-brushes.
1 clipping-machine.
1 pair clipping-shears.
5 halter-straps.
2 whips.
2 shovels.
3 horse-hoods.

2 woolen lap-ropes.
1 linen lap-robe.
1 mane-brush.
1 mane-comb.
2 aurcingles.
4 hame-straps.
1 water-trough.
2 feed-bins.
1 check-rein.
1 cotton saddle-cloth.
18 old leather straps.
4 new leather straps.
1 oil-cloth hose-cover.
1 blind-bridle.
1,200 pounds hay.
800 pounds straw.
50 bushels oats.
2 bushels bran.
1 bushel meal.
½ peck flaxseed meal.
3 pints of arnica.

BEDDING.

11 iron bedsteads.
23 hair mattresses.
34 double blankets.
54 cotton sheets.

51 cotton pillow-cases.
24 bed-spreads.
13 feather pillows.
3 hair pillows.

FURNITURE.

1 bunk-room carpet.
1 bath-room carpet.
1 foreman's room carpet.
1 hall-way and stair carpet.
13 brass stair-rod.
58 yards linen crash.
16 arm-chairs.
24 spittoons.
1 office-table.
1 deal table.
1 looking-glass.
1 office-desk.
2 clocks.

2 stoves, complete.
2 wooden benches.
6 window-curtains.
2 sets of rules and regulations, framed.
6 floor-mats.
3 chandeliers, with globes.
1 hair-brush.
1 hair-comb.
2 stove-shovels.
2 stove-pokers.
1 piece of zinc.
1 piece of oil-cloth.

STORES.

6 chamois skins.
½ pound of sponge.
2 packages emery paper.
½ pound of acid.
10 papers tripoli.
8 bars castile soap.
1 box brown soap.
3 corn brooms.
6 lamp-wicks.
½ gallon castor-oil.
4 gallons coal-oil.
2 gallons dubbing.
1 pound cotton-waste.
4 boxes axle-grease.

2 papers lampblack.
4 scrubbing-brushes.
2 stable-brooms.
1 pitchfork.
6 lanterns, (brass.)
3 cotton floor-mops.
4 long-handle scrub-brushes.
1 pound copper wire.
1 pound copper rivets and washers.
3 papers tacks.
6 ax-helves.
1 door-bolt.
2 pairs butt-hinges.

No. 1 truck-house—Continued.

MISCELLANEOUS ARTICLES.

2 coal-hods.	1 requisition-book.
1 step-ladder.	1 water-pot.
1 dust-pan.	2 single blocks.
1 paper-cutter.	12 tin cups.
1 wall-duster.	12 iron spoons.
1 water-cooler.	1 feather duster.
1 water-boiler.	20 feet of small gum-hose.
1 coffee-pot.	1 brass hose-pipe.
1 coffee-bucket.	1 spray-nozzle.
1 sugar-bucket.	1 revolving-punch.
3 tin oil-cans.	1 fire-alarm bell.
1 tin dubbing-can.	1 fire-alarm gong.
1 tin wash-tub.	14 towels.
1 pair scissors.	Small lot of cotton, hemp, and grass rope.
2 monkey-wrenches.	10 fire-plug keys.
1 hand-ax.	3 fire-alarm-box keys.
1 hatchet.	1 inside key.
1 hand-saw.	1 master-key.
1 jack-screw.	1 dust-pan.
3 wheel-wrenches.	2 hand dust-brushes.
1 slate.	2 whitewash brushes.
2 report-books.	

This company occupies a two-story brick building with modern improvements, the property of the District of Columbia, and is located on Massachusetts avenue, between Fourth and Fifth streets, northwest.

LIST OF MEMBERS.

Names.	Rank.	Occupation.	Residence.
Thomas H. Robinson.....	Foreman	Laborer	No. 11 3d st., n. e.
Samuel D. Mackey	Tillerman	Clerk	No. 313 I st., n. w.
Alex. Sevoy	Hostler	Hostler	No. 412 1st st., s. w.
Henry F. Steele	Private	Blacksmith	No. 422 11th st., s. e.
John Maker	Private	Waiter	No. 430 Washington st.
Robert Coleman	Private	Laborer	No. 343 F st., s. w.
Robert La Bille	Private	Laborer	No. 86 Mirtle st., n. e.
Charles Merilat	Private	Plumber	No. 740 4th st., n. w.
Charles W. Sherwood	Private	Carpenter	No. 421 Mass. ave., n. w.
Thomas R. Newman	Private	Blacksmith	No. 1118 N. J. ave., s. e.
William Beynon	Private	Mariner	No. 2416 N st., n. w.

Very respectfully submitted.

THOS. H. ROBINSON,
Foreman No. 1 Truck Company.

MARTIN CRONIN, Esq., *Chief Engineer.*

Report of the chief engineer.

OFFICE OF THE CHIEF ENGINEER,
FIRE DEPARTMENT OF THE DISTRICT OF COLUMBIA,
Washington, D. C., November 16, 1876.

GENTLEMEN: I have the honor to submit my annual report from November 15, 1875, to November 15, 1876, inclusive, as follows, showing the present condition and efficiency of this department and a general review of the occurrences during the past year. I accompany herewith a statement of the number of fires, the losses and insurance, full and

complete lists of the officers and privates attached to the department, and inventories of the property held in charge by the several companies on the 15th day of November, 1876.

The total number of alarms turned in during the year was 150, of which one was a test-alarm, 16 were for chimneys, 12 were false, and 121 were for fires, which involved an aggregate alleged loss of \$40,230, covered by an insurance of \$29,775.

The number of fires of this year, compared with that of last year, shows a decrease of 11 in the former, and compared with the average of the past ten years an increase of 21.

The aggregate alleged loss of this year, compared with that of last year, shows a decrease of \$18,000, and compared with the average losses per year of the past ten years a decrease of \$103,760.

Reverting to my last annual report, I must reiterate the urgency of supplying this department with two additional steam fire-engine companies—completely equipped and supplied with engines and hose-carriages—one for the northern and one for the northeastern sections of this city, and one additional truck company, with improved apparatus, to be located in the western section of the city. These requirements are absolute necessities, and I most respectfully urge that, being so completely conversant with the vast increase of an inflammable nature in the district, and the enlarged area of ground over which we are compelled to run since any addition has been made to the force of the department, your honorable board will embody this important feature in your present annual report, to the end that perfect security to the interests concerned be secured.

HORSES.

Twenty-five horses are in use with the different companies and officers, and three horses are retained as substitutes. During the year six horses have been purchased for the department, and while the stock is in fair condition, four of these horses have seen long years of service in the department.

HOSE.

There are distributed among the different companies for use 3,800 feet leather hose in fair condition; 500 feet gum-hose in bad condition; 7,800 feet Acton hose in perfect condition. The latter was purchased during the year, and gives perfect satisfaction.

The officers and men of the department comprise 1 chief engineer; 1 assistant chief engineer; 1 superintendent fire-alarm telegraph and 2 assistants; 59 officers and privates, assigned to six companies.

The apparatus consists of 6 steam fire-engines; 7 hose-carriages, (1 with truck company;) 1 old-style hook and ladder truck, complete.

The steam fire-engines of the department have undergone thorough rebuilding and repairs, and are now in perfect working condition. The new engine Thomas P. Morgan, No. 6, has given complete and entire satisfaction.

The different companies under my charge have promptly responded to alarms, and have been active and unremitting in serving the interests they are intended to protect. Notwithstanding the extended limits for their runs, the comparatively small amount of losses incurred during the year bears testimony for their zealous endeavors.

I again renew my thanks to this honorable board for the kindness and zealous care they have evinced for the weal and efficiency of the department; to the assistant chief and the officers and men under my

command for their prompt and willing discharge of their duties. I cheerfully testify to the efficient and timely assistance rendered the department by the officers and men of the Metropolitan police.

To the honorable Commissioners of the District I return sincere thanks for a continuance during the past year of their kind courtesy to me and their solicitude for the interests of the department.

I am, gentlemen, with great respect, your obedient servant,

MARTIN CRONIN,

Chief Engineer Fire Department of District of Columbia.

The Hon. BOARD OF COMMISSIONERS OF THE FIRE DEPARTMENT
of the District of Columbia.

Summary of fires, loss, insurance, alarms, and loss of life, from November 15, 1875, to November 15, 1876.

Date.	Loss.	Insurance.	Alarms.	Actual.	False.	Chimneys.	Test.	Loss of life.
1875, from November 15			7	4		3		
1875, December	\$2, 100	\$1, 250	20	14	4	2		
1876, January	3, 700	1, 700	22	17	2	3		
1876, February	5, 500	1, 500	10	6		4		
1876, March	850	1, 850	12	10	2			
1876, April	7, 600	7, 500	21	18	2	1		
1876, May	150	1, 150	6	3	1	2		
1876, June	1, 415	1, 400	7	6	1			
1876, July	6, 915	5, 900	14	14				
1876, August	300	300	7	7				
1876, September	675	650	10	8		1	1	
1876, October	10, 950	7, 500	11	11				
1876, to November 15	75	75	3	3				1 woman badly burned.
Total	40, 230	29, 775	150	121	12	16	1	

MARTIN CRONIN,

Chief Engineer, Fire Department, District of Columbia.

Statistics of number of fires occurred in the District of Columbia during the past twelve years, from the organization of the paid fire department to the present time, November 15, 1876.

Year.	No. of fires.	Losses.
1865	55	\$121, 500
1866	95	259, 000
1867	55	101, 000
1868	53	138, 000
1869	87	153, 000
1870	127	118, 000
1871	97	200, 000
1872	95	141, 000
1873	139	161, 500
1874	109	99, 500
1875	132	68, 000
1876	121	40, 230
Total	1, 165	1, 601, 630

Average fires per year, 100.

Average loss per year, \$133,333.

MARTIN CRONIN,

Chief Engineer Fire Department, District of Columbia.

XIV.—REPORT OF THE BOARD OF HEALTH.

DISTRICT OF COLUMBIA, BOARD OF HEALTH,
Washington, November 14, 1876.

GENTLEMEN: I have the honor to transmit herewith report of board of health for year ending October 31, 1876, embracing financial report for fiscal year ending June 30, 1876.

Very respectfully,

D. S. JONES,
Acting Secretary.

Hon. COMMISSIONERS DISTRICT OF COLUMBIA.

DISTRICT OF COLUMBIA, BOARD OF HEALTH,
Washington, November 9, 1876.

GENTLEMEN: We have the honor to submit the following report of the operations of the board for the year ending October 31, 1876, under authority granted and duties imposed by your orders.

THE GARBAGE SERVICE.

The collection and removal of garbage has been prosecuted under the contract with Messrs. H. F. Turner & Co., to the very general satisfaction of the board and the public.

The number of tons removed from November 1, 1875, to November 1, 1876, was 5,870, an average of $489\frac{1}{2}$ tons per month, or $18\frac{3}{4}$ tons per day. Expense of the service, \$15,600, or \$2.65 per ton. All of this material has been transported by rail in air-tight casks to a point 14 miles beyond the District limits.

THE SICK POOR.

The number of persons treated by the physicians to the poor from November 1, 1875, to August 31, 1876, 10 months, was 7,233. Expense of the service, \$6,650.06. The supervision of the board over this service terminated August 31, 1876, by virtue of the following communication from your office:

OFFICE OF THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,
Washington, August 19, 1876.

GENTLEMEN: I am directed to notify you that on the expiration of the present month the Commissioners will discontinue the payment of the amount of \$500 per month, which on the 15th ultimo they directed should be set apart for payment to your board on account of medicines and physicians to the poor, and all expenses on account of same.

Very respectfully,

WM. TINDALL, *Secretary.*

To the BOARD OF HEALTH, D. C.

BURIAL OF PAUPERS.

From November 1, 1875, to November 1, 1876, the remains of 473 paupers were interred in Potter's Field; 30 were interred in other cemeteries. Total burials at public expense, 503; of which number 90 were still-born children. The number of coffins furnished was 513.

HOLMEAD CEMETERY.

The management of this cemetery by the board terminated in June last, owing to the failure of the authorities to furnish necessary funds for repairs, &c.; ten bodies have been removed therefrom since last report. As a sanitary measure, we respectfully renew our recommendation of last year regarding this cemetery, the removal of bodies therefrom, and its abandonment as a resting-place for the dead.

RECEIPTS AND EXPENDITURES.

The receipts and expenditures of the board for the fiscal year ending June 30, 1876, from the funds of the District, appropriated by act of Congress approved March 3, 1875, have been as follows:

Received.	Expended.
July \$2,176 45	July \$1,620 00
August 2,176 45	August 2,714 40
September 2,176 45	September 879 21
October 2,176 45	October 3,234 88
November 2,176 45	November 2,186 00
December 2,176 45	December 1,896 95
January 2,176 45	January 2,457 43
February 2,176 45	February 2,267 76
March 2,176 45	March 1,077 91
April 2,176 45	April 3,129 35
May 2,176 45	May 421 39
June 2,176 55	June 4,232 72
\$26,117 50	\$26,117 50
Amount appropriated, \$26,117.50.	

Vouchers for expenditures enumerated above have been forwarded to you by our treasurer.

Estimate of funds required from the District for sanitary purposes for fiscal year ending June 30, 1878.

Item 1.—For general sanitary inspection of streets, avenues, alleys, yards, markets, vacant lots, &c., where nuisances injurious to health may exist, and for the removal and abatement of the same. Act Congress February 21, 1871.

Item 2.—To prevent the sale of unwholesome food in the District of Columbia. Act February 21, 1871.

Item 3.—To prevent domestic animals from running at large in the cities of Washington and Georgetown. Act Congress February 21, 1871.

Item 4.—To secure a full and correct record of vital statistics, including the registration of births, marriages, and deaths, the interment, disinterment, and transportation of the dead in and through the District. Act Congress June 23, 1874.

Item 5.—The transportation beyond the limits of the District of house-offal, night-soil, and dead animals. Act Congress February 21, 1871.

Item 6.—To prevent the introduction and spread of infectious and contagious diseases. Act legislative assembly June 19, 1872.

Item 7.—The draining of lots bordering on public and private sewers. Act legislative assembly August 21, 1872.

Item 8.—Collection of garbage in the cities of Washington and Georgetown and suburbs thereof. Order of Commissioners District of Columbia March 19, 1875.

Item 9.—The burial of deceased paupers. Order of Commissioners District of Columbia September 8, 1874.

Required for items 1, 2, 3, 4, 5, 6, 7.....	\$26, 117 50
Required for item 8.....	20, 000 00
Required for item 9.....	1, 000 00
Total.....	\$47, 117 50

Very respectfully, your obedient servants,

T. S. VERDI,

C. C. COX,

J. M. LANGSTON,

D. W. BLISS,

JOHN MARBURY, JR.,

Board of Health District of Columbia.

Hon. COMMISSIONERS, *District of Columbia.*

©

ANNUAL REPORT

OF THE

BOARD OF HEALTH.

OF THE

DISTRICT OF COLUMBIA.

1876.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1876.

DISTRICT OF COLUMBIA, BOARD OF HEALTH,
Washington, December 1, 1876.

SIR: I have the honor to present herewith the fifth annual report of the board of health of the District of Columbia, embracing its work and operations for the year ending September 30, 1876.

Very respectfully, your obedient servant,

CHRIS. G. COX,
Secretary.

The PRESIDENT.

MEMBERS OF THE BOARD.

T. S. Verdi, A. M., M. D.
C. C. Cox, M. D., LL. D.
John Marbury, jr.
John M. Langston, LL. D.
D. W. Bliss, M. D.

PRESIDENT.

T. S. Verdi, A. M., M. D.

SECRETARY.

C. C. Cox, M. D., LL. D.

TREASURER.

John Marbury, jr.

REGISTRAR OF VITAL STATISTICS.

D. W. Bliss, M. D.

ATTORNEY.

John M. Langston, LL. D.

STANDING COMMITTEES.

Committee on ordinances.—J. M. Langston, D. W. Bliss.
Sanitary police committee.—C. C. Cox, John Marbury, jr.
Sanitary committee.—T. S. Verdi, C. C. Cox.
Committee on epidemics.—D. W. Bliss, T. S. Verdi.
Committee on finance.—John Marbury, jr., J. M. Langston.

OFFICERS OF THE BOARD.

HEALTH-OFFICER.

P. T. Keene, M. D.

CHIEF CLERK.

D. S. Jones.

MEDICAL SANITARY INSPECTOR.

W. D. Stewart, M. D.

SANITARY INSPECTORS.

J. H. Smith.
Edmund Weston.
J. T. Kelly.
William Wolf.
C. Ludington.

ANALYTICAL CHEMIST.

B. Fanneil Craig, M. D.

REPORT OF THE BOARD OF HEALTH.

1.—REPORT OF THE PRESIDENT.

I have the honor to submit herewith the fifth annual report of the board of health for the year ending the 30th of September, 1876.

In view of the fact that, at the last session of Congress, a law was passed appointing a commission for the purpose of making and presenting a plan for a new government for the District of Columbia, I think it opportune to review the proceedings and operations of the board of health during the five years of its existence. By this means, I may be able to impart to the commission and to Congress information useful in securing necessary sanitary protection to the District of Columbia.

The history of communities has demonstrated the fact that individually man does not act in the preservation of the whole as in that of his own immediate interests, treating affairs of general import as abstract questions which he neither studies nor analyzes. This fact has given rise to civil organizations which in their corporate capacity act for the masses. The individual, having thus surrendered labor and responsibility to the government, remains generally indifferent, and submits to its authority. Thus individual responsibility has greatly decreased through the false assumption that the government should perform individual duty. This surrender of duty and responsibility on the part of the citizen has greatly added to the labors of governments, and widened their scope and sphere of action.

If man would do unto others as he would have others do unto him, there would be no necessity for police, courts, or prisons. If he would construct his house, drain his lot, build his road properly, there would be no necessity for boards of public works. If he would maintain cleanliness, observe and practice the laws of sanitary science, there would be no necessity for boards of health. But the individual does not do this; he has transferred these duties to the government, and therefore he holds himself free from any responsibility in the matter. If the road is not level or safe, he has the gratification of grumbling against the board of public works. If his closet is overflowing; if his garbage is reeking in his household; if the small-pox attacks him; if typhoid fever lays him low; if cholera, diphtheria, or the plague turns his cheerful household into a sorrowful sepulcher, he inveighs against the board of health. He feels no little relief in the belief that others, and not himself, are responsible for the calamity. He fails to look at home for the causes of the scourge; nay, he would probably scorn a suggestion to that effect, lest his observations may lead him into self-accusation. So long as this is the case, so long there will be a necessity for govern-

ment, and particularly for such government as has reference to the health and safety of the people. In older countries, this indifference is so well understood that governments protect the people in spite of themselves. Man is not permitted to kill himself by recklessness or indifference; he is not allowed to go where his life may be in danger. The central government of France relies for advice in sanitary matters on the consultative committee of public hygiene; in England, on the health-officer to the privy council. From these high councils emanate all the sanitary laws that govern their respective countries.

In this country, boards of health are comparatively new institutions, and are not organized except in a few cities; and where legislators have failed to understand their scope and jurisdiction they are deprived of the necessary authority and means of support. New York, Boston, and Washington are probably the only three cities in the Union whose boards of health have been clothed with authority essential to success.

It has heretofore been the custom of intrusting matters of health to committees of assemblies or city councils, composed generally of men ignorant of sanitary science, and little or nothing was accomplished in the way of sanitary reform.

In 1797, the District of Columbia was set aside for the seat of government of the United States, and General Washington made the plan for the city which was named after himself. The plan was on a magnificent scale, and may be taken as Washington's prophecy of the wonderful growth and prosperity of the new country. The ground selected for the city lay between Georgetown and the Eastern Branch, and a large portion of it was low and swampy. Under the auspices of the Government, the population, from that of seven thousand in 1797, has attained the remarkable proportion of one hundred and fifty thousand, and Washington is now the eleventh city in the scale of population in the United States. During these seventy-three years of transition and development, the city has passed through eighteen governmental administrations, and probably forty municipal; yet in 1871 this board of health found a flagrant nuisance known as the Washington Canal, which, in the emphatic words of Professor Henry, was "an open cess-pool, a fruitful source of discomfort and disease, receiving the sewage direct in its midst, and inconsistent with the intelligence of the age." This canal, traversing the city from Rock Creek to the Eastern Branch, passing within a few hundred yards of the White House, the War, Navy, and Treasury Departments, through the Agricultural, Smithsonian, and Botanical gardens to the very doors of the Capitol itself, its shores abounding in malarial poison, and the people abandoning its neighborhood as the Romans flee from the night-mantle of death of the Campagna. It moreover found hundreds of lots below grade, covered with stagnant water, endangering the lives and health of the residents of the neighborhood; hundreds of alleys, receptacles of house-offal, giving rise to dangerous effluvia that found its way into the windows of inhabited dwellings; hundreds of hovels, the abode of the poor, with leaky roofs, damp walls, no privy, or water-supply, and unfit for human habitation; hills of ashes and filth in open lots, the accumulation of many years; thirty thousand privy-boxes, many in bad condition or overflowing, and subject to an occasional emptying by a most barbarous and crude system, the operation of which awoke our citizens from their peaceful slumbers to shut out the stench from their sleeping-rooms—the scavenger coming in the dead of night like a thief, afraid to be observed; house offal and garbage accumulated in large quantities in yards, subject to a vicious system of removal that cost the city \$25,000

per annum; slaughter-houses strewn among our populated districts that claimed as a *raison d'être* the time they had been allowed to remain and carry on their filthy work in our midst; no quarantine laws or regulations to prevent the incursion and spread of infectious and contagious diseases; no bureau of vital statistics to record births, deaths, and marriages, and to prevent crime; no control over cemetery-superintendents or undertakers, so that persons were buried with or without a physician's certificate, whether death had occurred from poison or violence, small-pox, yellow fever, or cholera—the dead were put away under the sod and no questions asked, unless glaring and unmistakable evidence of foul play existed; no inspection of food, so that meats from blown to decomposed were sold in open market unobserved; no inspection of marine products, so that thousands of bushels of oysters, clams, and other fish unfit for human food found their way from the shambles of the vender to the consumer's table; domestic animals running at large, imperiling life and destroying ornamentation; thousands of hog and cow pens, the inhabitants of which found comfort and food in our alleys, streets, and parks; and innumerable other nuisances were discovered here, tolerated by the apathy of the citizens or their unsanitary authorities.

Thus Washington, the capital of this proud nation, where the President, his cabinet, the foreign ministers, and three thousand officials reside; where Congress and all citizens having business with it congregate, had, under this maladministration, this culpable neglect, acquired the unenviable name of being a city of disease, filth, and dust; a city which all prudent persons deserted during summer and fall, to flee from intermittent, remittent, and typhoid fevers. This general exodus for so many months paralyzed all business, so that hotels and many business-houses were closed during the summer, and the few people who remained for want of means to get away sweltered in the summer heat in all the discomforts of a neglected and abandoned city. Such was Washington in old time.

Finally, in 1871, Congress came to its relief. It created a board of public works, which, with boldness, sagacity, and judgment, instituted reforms, built hundreds of miles of sewers, laid a great number of pavements, planted millions of trees, and in every way changed the aspect and prospect of the city. It created a board of health, whose duty is "to declare what shall be deemed nuisances injurious to health, and to provide for the removal thereof; to make and enforce regulations to prevent domestic animals from running at large in the cities of Washington and Georgetown; to prevent the sale of unwholesome food in said cities; and to perform such other duties as shall be imposed upon said board by the legislative assembly."

The wisdom of this law creating a board independent of all local and political influence was early apparent, for the legislature of the District, affected by the prejudice of the ignorant and the interests of political tricksters, became openly inimical to the board. The present board was organized about April 1, 1871. It divided itself into five permanent committees: a sanitary committee, having in charge all matters pertaining to nuisances, sanitary science, &c.; an ordinance committee, for the proper construction of ordinances, rules, regulations, and contracts; a finance committee, for expenses, payments, and accounts; a sanitary police committee, for the examination and recommendation, as well as for the observation and investigation of the conduct of the employés of the board; a committee on epidemics, for suggestions,

plans, and measures for the prevention of threatening epidemics and the means to abate the same when present.

To the constant vigilance of these committees is due the success of the board of health. Besides this organization and parceling of labor, the board elected from its own members a president, a secretary, a treasurer, a registrar of vital statistics, and an attorney; also a health-officer. After two years, finding that the health-officer's duties were such as to require his whole time, it was decided to employ a health-officer under pay of the board. The board was appointed by the President and confirmed by the Senate. It is composed of three physicians, a lawyer, and a merchant. The board has public meetings twice a week, often three times, in which all subjects are debated and voted on with open doors. This organization has worked admirably for five years, and its labors have been acknowledged not only at home but abroad, and even by foreign governments; and although the physicians of the board thus appointed are of different schools of medicine, no jar, dissension, or discussions ever occurred regarding the theory and practice of medicine.

Now what has this board accomplished in the five years of its existence? The deadly canal was first to come under its ban. It was condemned, and the board of public works, through the demands of the board of health, buried it, like a carrion, under 15 feet of earth, and built over it a monument of enterprise and beauty, a grand road flanked by trees and gardens. The alleys are daily inspected, and, when foul, reported to the board of health, who make a reference and recommendation to the honorable Commissioners for the cleaning of the same. Hundreds of houses unfit for human habitation have been condemned and abated. The heaps of dirt and ashes are no longer seen in neglected and vacant grounds. Privy-boxes are constantly inspected, and not permitted to overflow as of old; and the barbarous system of removing night-soil by buckets has been replaced by an odorless system carried on during the day, without giving offense to the most delicate olfactory or violating the least sense of propriety. And this important service is done at 20 per cent. less than the cost of the old reprehensible method. The dumps that used to surround our city and alarm our people have disappeared, and the filthy material is now taken away by railroad in air-tight barrels, twenty miles into the country. Garbage is not allowed to accumulate in houses, and although the service is under the control of another department of the government, the board of health exercises that supervision necessary for the proper accomplishment of this important work. The slaughter-houses scattered in our midst have been condemned by the board and removed beyond the boundaries of the city. In this connection it is proper to state that the board has several times in their annual reports recommended the establishment by Congress of an abattoir for the District of Columbia, where the slaughtering might be done under its supervision and inspectorship. Not until such a law is passed and enforced will the District of Columbia be rid of this incorrigible nuisance.

CONTAGIOUS DISEASES.

Rules, regulations, and instructions for the prevention of the spread of epidemic infections and contagious diseases have been promulgated under an act of the legislature passed June 19, 1872, as requested by the board of health. In the fall of 1871, it became apparent that the small-pox had become an epidemic in various cities of the United States, and particularly in the neighboring cities north of Washington,

with which it has constant intercourse. In December, it was introduced here from New York, and in a very short time it prevailed to an alarming extent among the poor classes, and among the negroes particularly. There existed then no law or any authority by which to assume control of the scourge. But the board of health assumed the duty and the responsibility. It ordered general vaccination, and sent its officers from door to door to perform this duty without charge. Pure animal vaccine matter was supplied gratuitously by the board, and upward of sixty thousand people were vaccinated free of charge. It established a temporary hospital, provided itself with ambulances and disinfectants. It appointed a corps of inspectors for the removal and care of the afflicted ones; and the infected apparel was at once destroyed or disinfected. Whenever a person could not be properly isolated in his dwelling, he was removed to the hospital, his house disinfected, and all proper protection thrown around the members of his family or the people inhabiting the same dwelling. A boarding-house was established at the hospital, so that the persons employed in removing small-pox cases or in disinfecting houses and clothing should be removed from the company and association of others. Telegraphic communication was established between the board-rooms and the small-pox hospital, so that at a touch of the wire ambulances and employés were quickly at work. Rules were promulgated that all physicians and citizens should report cases of small-pox to the board of health. Whenever a case was isolated in the house of a patient, a warning flag was hung at his door. In this manner, an epidemic that suddenly threatened to invade this whole city was confined to the quarter infected, and speedily stamped out. The city was so unguarded that before preparations could be made hundreds of cases were reported. As soon as the board of health grappled with it, it began to decrease, until it disappeared altogether. We had in all 1,738 cases, and yet not a dozen cases occurred among that intelligent class of citizens who observed the orders and regulations of the board.

The small-pox was raging while Congress was in session, and yet its members were scarcely aware of its presence; not a Senator, member of Congress, foreign minister, nor member of the cabinet suffered from the disease.

The board of health, being aware of the importance of a bureau of vital statistics, applied in vain to the local legislature for a bill providing for such a bureau. The local legislators had interests at variance with the board of health; they had votes to secure, and preferred to listen to the complaints of their prejudiced and ignorant constituents, rather than to the appeals of the board of health. We then appealed to Congress, and on the 23d of June, 1874, it passed an act "that it shall be the duty of the board of health of the District of Columbia to make and enforce regulations to secure a full and correct record of vital statistics, including the registration of deaths and the interment of the dead in said District;" and, in the words of the registrar, "the practical result of the enforcement of these regulations is to place under immediate observation the number of deaths occurring in the District, the cause and locality of each, enabling the board to arrest the spread and progress of epidemics, endemics, contagious or infectious diseases, and promptly abate existing causes of preventable maladies; to secure a perfect registration of marriages, births, and deaths, for testamentary evidence; and to bring all cases of death under immediate official observation for the prevention and detection of crime." That this important work may be comprehended, let it be illustrated: no dead person can now be buried indisinterred, or transported from the District of Columbia without a permit from the board of health.

The board requires a certificate of the attending physician, stating the cause of death, without which certificate no permit is issued. It often occurs that persons die without the attendance of a physician, either from poverty or violence of the attack. The medical sanitary inspector attached to the board of health is then ordered to investigate the cause of death and report to the health officer; upon his certificate the permit is issued. If this inspector, however, should not be satisfied with the cause of death, the case is referred to the coroner of the District. In this manner, crime is prevented or discovered. Again, the causes of death alleged by the physician may be typhoid or malarious fever, diphtheria, or any disease from local cause. The medical inspector investigates the causes, reports them to the board, which at once throws protection around the neighborhood by removing them, and thus checks the spread of the disease. In other instances, in case of a contagious disease, as small-pox, scarlet fever, &c., the same service is rendered.

In this city, into which the war has suddenly thrown thirty thousand negroes, pauperism has greatly increased, and virtue among them at a discount, not having been greatly fostered on the old plantations. Hence concubinage, with all its dire consequences, is quite prevalent. It happens, therefore, that still-births are often the result of doubtful causes, requiring the vigilance of the board of health. Many die also in such a state of destitution as to need burial at public expense, in which case the medical sanitary inspector makes an investigation, and reports to the board with recommendations. This service is expensive, but indispensable to a well-regulated community. The board has often received communications from foreign governments requesting documentary evidence of the death in this city of individuals of foreign birth, and it was mortifying to our pride as a board of health and as American citizens that there was no record or reliable evidence of the death of the person named. This is corrected now, however, and the board of health is able to account for the death and burial of every person in the District of Columbia.

The sale of unwholesome food is now prevented by the daily inspection of the markets and green-grocers' stores. To prove the importance of this service, it is enough to state that in the last five years there have been condemned 122,601 pounds of meats, 8,114 chickens, birds, rabbits, squirrels, &c., 28,691 bunches of fish, 28,479 bushels of oysters, 188,000 clams, 171,390 crabs; the valuation of these articles of food condemned and destroyed amounting to about \$70,000.

No animals are now allowed to run at large; and although this nuisance baffled the efforts of the police for many years, it is now entirely abated. The fierce opposition of the people who kept cows and hogs to be fed on public grounds has been conquered, and the service is now performed without molestation, to the great relief of our citizens. Eleven thousand seven hundred and forty-seven animals have been impounded in the past five years. The dogs, another source of evil and danger to the community, have received the attention of the board. During the four warm months, dogs are required, by the ordinances of the board, to be muzzled, and the pound-master to capture all the unmuzzled ones. Through this service, 7,327 worthless curs have been captured and killed.

There have been, moreover, 122,784 nuisances reported and abated, 43,348 tons of garbage and 14,000 tons of night-soil removed, 838 vacant lots containing stagnant water filled, 492 houses reported and condemned as unfit for human habitation removed.

THE SICK POOR.

The poor also have received the humane care of the board. From time immemorial it has been the custom of the city authorities to provide the indigent with medical attendance and medicines. This has been quite an item of expense, having reached beyond the sum of \$20,000 per annum. The honorable Commissioners properly requested the board of health to take charge of this service, it systematized the work, employed physicians, supplied the medicines, and reduced the expense to \$8,000 per annum.

Such has been the work performed by the board of health, the details of which would take more space than this report will allow. The labor is a peculiar one, requiring knowledge of sanitary science and law. No board of health can be competent unless a majority of its members have been trained in the school of sanitary science. To determine what are nuisances injurious to health, to provide for the removal of the same, to prevent the incursion of disease and provide for the abatement of its cause, the use of disinfectants and deodorizers, to analyze potable waters, to record deaths and causes of deaths with proper classifications, to decide what is wholesome and unwholesome food, to search for local causes of disease, to determine whether dwellings are in sanitary condition, require a knowledge that only those trained in sanitary science can possess.

The composition of the *personnel* of this board is well adapted for the purposes of its organization. It contains all the elements of success, and it is hardly to be doubted that its triumphant career has been due greatly to the united forces of men qualified not only to judge and act in a sanitary sense, but according to law, and in compliance with the judgment of an independent citizen.

The work of this board has been very laborious. In framing ordinances for the prevention of nuisances injurious to health, it created a complete code of health, under which the sanitary officers have been able to act in conformity with law. It was so well devised as to be sustained by all the courts of the District. Under this system, the officers have become experts, and their investigations, inspections, and reports demonstrate their qualifications for the work. It has become a school of sanitary science, from which not only the officers connected with it could learn, but one which spreads knowledge among the citizens. All sorts of questions of scientific and sanitary character are daily presented to the board, which treats and discusses them in public, thus diffusing that knowledge of sanitary science so necessary to the preservation of the lives and health of the people. We find now that our people are conversant with sanitary questions, to which their attention had never been called before. This is demonstrated by the many applications that the board receives from the people to treat questions of peculiar nuisances about which they are in doubt.

Citizens living in the neighborhood of a soap and candle factory where grease is rendered wish to know if the nauseous smell is deleterious to health. This opens at once the question of what smells are, what gases are; when, and under what circumstances they may be considered injurious to health. Another complains of a bone-crushing factory; another of a depot of guano; another of accumulations of manure; another of a slaughter-house, of a sewer, of drains, of damp dwellings, &c. These are questions that involve the right of property, the right of breathing pure air, the right of citizens in their avocations, the right to live unpoisoned. All these questions that arise every day in a large

community where industry, trades, and manufacturing are carried on, must be decided by the board of health in the interest of all. Their decision must be based upon a thorough knowledge of the subject both in its sanitary and legal importance. We are very glad to say that, in almost every instance where an appeal has been taken, the courts have sustained the board of health. Although the board has had almost unlimited power in declaring what are nuisances injurious to health, it has used that power with so much discretion as to create no discontent with the people. The fierce and unreasonable opposition it met in the beginning of its labors was conquered by the development of a sanitary system in which the unprejudiced and intelligent citizens could but see a praiseworthy effort to improve the condition of the city; and few are those to-day who will not acknowledge the great improvement in the healthfulness of our city, the guardianship and unremitting vigilance of the board of health for the welfare of all.

Much has been said about the expenditures of this board. No one has impeached, however, its accounts; for there never was a department in which the public moneys have been spent with so much fidelity. Although the board has a trusty and bonded treasurer, he is not allowed to pay even for a penholder the bill for which has not been presented to the board, referred to the committee on finance, and by said committee reported to the board. The board approves or disapproves; if approved, the treasurer is ordered to pay it. At the end of every month, this officer is required to make a financial statement, and at the end of the year his accounts are audited by a committee of the board and the proper accounting-officers of the Government. Hence, we state with pride that the accounts of the board are above suspicion. But are the expenses of the board excessive, taking into consideration the amount of work performed? That the work is a necessity in a well-governed community we have demonstrated.

Let us compare the expenses for sanitary work during the old, inefficient *régime* with the present successful one:

Sanitary squad of police, composed of ten policemen and a lieutenant, ignorant of sanitary laws and the science of hygiene, and under no advisory sanitary counsel.....	\$13,500
Office and salary per annum of a secretary to a board of health composed of many members, without money or authority whatsoever.....	1,000
Medical attendance and medicines for the poor, 1871, 1872, and 1873, average per annum.....	22,000
Removal of garbage, 1872 and 1873, average.....	25,000
Removal of dead animals.....	1,000
Total.....	62,500

No inspection of food;
 No inspection of marine products;
 No registration of vital statistics;
 No interference with contagious and infectious diseases;
 No systematic inspection of streets, alleys, yards, houses, sunken lots, sewers, &c.;
 No taking-up of domestic animals running at large;
 No protection against rabid dogs;
 No board of sanitary experts, to whom citizens could refer nuisances of a special character and find relief;
 No board of sanitary experts for the framing and promulgation of sanitary laws, rules, and regulations;
 A system, in fact, remarkable only for its negativeness and inefficiency.

Board of health, as at present constituted, composed of 5 members—
3 physicians, 1 lawyer, 1 merchant :

Salary of each, per annum, \$2,000.....	\$10,000
1 health-officer.....	2,500
1 medical sanitary inspector.....	1,500
1 chief clerk.....	1,800
5 sanitary inspectors, at \$1,200 each.....	6,000
3 food-inspectors, at \$1,200 each.....	3,600
1 pound-master.....	1,200
4 clerks at \$1,200 each (health office and registration service).....	4,800
Messenger and janitor service.....	900
Collection of garbage.....	15,600
Care of sick, poor, and medicines.....	8,000
Pound service.....	2,000
Transportation of offals.....	7,500
Total.....	65,400

Comparative expenses of boards of health.—Memorandum compiled from reports of other health boards.

Philadelphia, expenses for 1874, \$337,809.44; population, 750,000; expenses per capita, 45½ cents.

Boston, year ending April 30, 1875, \$469,031.91; population, 342,000; expenses per capita, \$1.37.

Baltimore, year ending October 31, 1875, \$268,855.47; population, 350,000; expenses per capita, 76½ cents.

New York City, year ending, 1873, salary account alone, \$215,277.04.

VITAL STATISTICS.

The number of deaths registered during the year was 106 less than last year, and by reference to the tables it will be seen that this gratifying result is largely due to reduction of the death-rate from zymotic or preventable diseases; no better argument as to the value of the service of this department could possibly be presented. It appears from the records that from July 1, 1876, to date, the death-rate in the District has been on the increase. It is believed, and it is no doubt true, that such increase is almost, if not entirely, due to the large reduction in the sanitary force, rendered necessary by the meager appropriations made by Congress for expenses of the board for the current fiscal year.

NUISANCES.

During the year, 20,261 nuisances, of greater or less degree, have been reported and abated. Three hundred and seventy-one houses were condemned as unfit for human habitation, and destroyed or rebuilt by their owners; 424 others were reported as being in insanitary condition from various causes, and the cleaning and repairing of the same ordered and enforced. One hundred and sixty-six sunken lots upon which stagnant water was found have been filled, and 1,641 sewer-connections made. These results indicate the extent and value of the service.

FOOD-INSPECTIONS.

Since the commencement of the current fiscal year, the efficiency of this important branch of the service has been greatly impaired for want of funds, Congress having failed to appropriate as estimated and urged by the board. During the year, 22,217 pounds of meats, 3,940 pounds of game, 2,632 dozen eggs, and large quantities of fruits and vegetables have been condemned as unfit for food. Value of such food when of wholesome quality, \$11,926.28. The inspection of marine products has

been thorough and efficient. The number of fish inspected aggregate 4,775,114; condemned as unfit for food 47,423. The condemnation of shell-fish includes 62,915 clams, 61,084 crabs, and 4,759 bushels of oysters. Value of condemnations when of wholesome quality, \$6,601.70.

ANIMALS AT LARGE.

It is made the duty of the board by Congress "to make and enforce regulations to prevent domestic animals from running at large in the cities of Washington and Georgetown." Under the operations of this law, 2,668 animals have been taken up and impounded, of which number 1,917 were killed, mostly dogs, 744 were redeemed, and 5 sold.

MEDICAL SANITARY INSPECTION.

This service has been prosecuted with intelligence and vigor, and the valuable statistical information collected, concisely set forth in the tabular statement herewith presented, and to which attention is invited.

REPORT OF THE TREASURER.

From the treasurer's report it will appear that \$52,235 was appropriated for the service of the board for fiscal year ending June 30, 1876, and that the same sum has been expended. The receipts and disbursements are accurately presented in detail, as certified by the auditing committee.

REPORT OF ATTORNEY TO THE BOARD.

This report shows that the number of cases referred for prosecution during the year was 138;

Number of convictions, 58;

Number of cases *nolle prosequi* or discontinued, 62;

Number of cases dismissed, 6;

Amount of fines imposed, \$238;

Amount of collateral forfeited, \$35.

In the past as in former years, the regulations of the board have been sustained by the courts of the District, and compliance with the requirements of such regulations uniformly enforced.

SECRETARY'S REPORT.

Letters received, 1,480; replied to by indorsement, 458; letters written and recorded, 439; referred to health officer, 187; other references, 271. Ninety-six meetings have been held during the year, and the proceedings had at same duly recorded.

BOARDS OF HEALTH AND LEGISLATION.

Experience teaches that municipal governments, dependant upon universal suffrage, do not give that support necessary for the creation and maintenance of thorough sanitary systems. It is well to study the causes of this antagonism to rules and regulations so important to our well-being. It comes from the ignorance of one class and the selfish interests of another. People indifferent to habits of cleanliness seem not to be aware that filth and dirt on their premises, even if tolerated by themselves, is a source of constant alarm to their neighbors. They do not

know or prefer not to think that in case of epidemics their untidy homes would be first invaded, and that from them the pestilence would be spread through the community. They do not like to be told that they must maintain cleanliness within their domains or be prosecuted for maintaining a nuisance; that an overflowing privy will not be tolerated; that from hog-pens and cow-sheds odors and gases emanate that are injurious to the health of the people; that damp houses, house-offal on the surface of the ground, surface-drainage, &c., are positive sources of malaria, producing typhoid and miasmatic fevers, and that such conditions cannot be tolerated by the health authorities. They are very sensitive when they are approached on these questions, and oppose what they are pleased to call "sanitary interference." The other class is the one that possesses more property than heart; who speculate on the poverty of the people; build huts and hovels in alleys or on valueless ground, without conveniences and unfit for human habitation. Others carry on filthy trades or manufacturing, such as fat-boiling, crushing bones, and the like; the gases from these establishments poisoning the atmosphere for squares around, and endangering the health and lives of the people. This class oppose sanitary reform not only with their votes and influence, but with the very money they have made at the expense of their neighbors' health. Legislators yield to the pressure of their interested constituents, and the well directed efforts of the board of health are defeated and its usefulness impaired.

In Washington, previous to the organization of the present board by Congress, a board of health was appointed by the mayor, composed generally of physicians. This board was numerous, unpaid, and with little or no authority. In its efforts to effect sanitary reforms, it encountered the combined opposition of these three classes; filth and money triumphed over science and honesty, and the law creating the board and defining its duties was repealed. Whenever the present board appeared before the late legislature for sanitary measures, it was almost invariably defeated. Some of the very rules and regulations that this board has enforced under a law of Congress, for the success of which our citizens are justly proud, were defeated in that very legislature. This is not true of Washington alone. Our people are no worse than others in this respect, as we see it exemplified in every town where a board of health exists. While in England on sanitary inspection, Mr. John Simon, health officer to privy council of Her Majesty, on reading the law of Congress creating the board of health of the District of Columbia, said, "If Parliament would pass such a law we could save twenty thousand lives a year in the kingdom." So even the Parliament of England is affected by the pressure of the voters.

The political and social position of Washington is peculiar. The President of the United States, his cabinet, the representatives of foreign governments, reside here; Senators, members of Congress, and their families, military and naval officers, &c., congregate here; and they have a right to demand the fostering care in sanitary matters of the Government; and the board of health should be responsible only to Congress, and entirely free from local influences.

Hygiene is the art by which health is preserved, and the hygienist, like the physician, should not be deterred by religion, politics, or self-interest from performing his sacred duty, and he should be sustained by the strong arm of the Government.

Laws of health, physiologically speaking, are immutable. Hence a knowledge of them is requisite for the preservation of life, and the duty of the hygienist is to modify all customs and habits, natural or mechanical conditions, that interfere with the normal continuation of the same.

In view of the historical statements herein made, and the suggestions with regard to boards of health and legislation pertaining thereto, I respectfully submit that the sanitary interests of the District of Columbia can, in my judgment, be more largely and thoroughly conserved under such laws as now exist touching this subject, than by legislation of any other character, and I would urge the incorporation of such legislation in any bill passed by Congress for the organization and establishment of a government for the District.

TULLIO S. VERDI,
President of the Board of Health.

2.—REPORT TO THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

DISTRICT OF COLUMBIA BOARD OF HEALTH,
Washington, November 9, 1876.

GENTLEMEN: We have the honor to submit the following report of the operations of the board for the year ending October 31, 1876, under authority granted and duties imposed by your orders:

THE GARBAGE SERVICE.

The collection and removal of garbage has been prosecuted under the contract with Messrs. H. F. Turner & Co., to the very general satisfaction of the board and the public.

The number of tons removed from November 1, 1875, to November 1, 1876, was 5,870, an average of 489½ tons per month, or 18¾ tons per day; expense of the service, \$15,600, or \$2.65 per ton. All of this material has been transported by rail, in air-tight casks, to a point fourteen miles beyond the District limits.

THE SICK POOR.

The number of persons treated by the physicians to the poor, from November 1, 1875, to August 31, 1876, ten months, was 7,233. Expense of the service, \$6,650.06. The supervision of the board over this service terminated August 31, 1876, by virtue of the following communication from your office:

OFFICE OF THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,
Washington, August 19, 1876.

GENTLEMEN: I am directed to notify you that on the expiration of the present month, the Commissioners will discontinue the payment of the amount of \$500 per month, which, on the 15th ultimo, they directed should be set apart for payment to your board on account of medicines and physicians to the poor, and all expenses on account of same.

Very respectfully,

WM. TINDALL, *Secretary.*

The BOARD OF HEALTH,
District of Columbia.

BURIAL OF PAUPERS.

From November 1, 1875, to November 1, 1876, the remains of 473 paupers were interred in "potter's field;" thirty were interred in other cemeteries. Total burials at public expense, 503, of which number 90 were still-born children. The number of coffins furnished was 513.

HOLMEAD CEMETERY.

The management of this cemetery by the board terminated in June last, owing to the failure of the authorities to furnish necessary funds for repairs, &c. Ten bodies have been removed therefrom since last report. As a sanitary measure, we respectfully renew our recommendation of last year, regarding this cemetery, viz: "the removal of bodies therefrom and its abandonment as a resting-place for the dead."

RECEIPTS AND EXPENDITURES.

The receipts and expenditures of the board for the fiscal year ending June 30, 1876, from the funds of the District appropriated by act of Congress approved March 3, 1875, have been as follows:

<i>Received.</i>		<i>Expended.</i>	
July	\$2, 176 45	July	\$1, 620 00
August	2, 176 45	August	2, 714 40
September	2, 176 45	September	879 21
October	2, 176 45	October	3, 234 88
November	2, 176 45	November	2, 186 00
December	2, 176 45	December	1, 896 95
January	2, 176 45	January	2, 457 43
February	2, 176 45	February	2, 267 76
March	2, 176 45	March	1, 077 91
April	2, 176 45	April	3, 129 35
May	2, 176 45	May	421 39
June	2, 176 55	June	4, 232 72
<hr/>		<hr/>	
26, 117 50		26, 117 50	

Amount appropriated, \$26,117.50.

Vouchers for expenditures enumerated above have been forwarded to the auditor by our treasurer.

Estimate of funds required from the District for sanitary purposes for fiscal year ending June 30, 1878.

Item 1. For general sanitary inspection of streets, avenues, alleys, yards, markets, vacant lots, &c., where nuisances injurious to health may exist, and for the removal and abatement of the same. Act Congress, February 21, 1871.

Item 2. To prevent the sale of unwholesome food in the District of Columbia. Act Congress, February 21, 1871.

Item 3. To prevent domestic animals from running at large in the cities of Washington and Georgetown. Act Congress, February 21, 1871.

Item 4. To secure a full and correct record of vital statistics, including the registration of births, marriages, and deaths, the interment, disinterment, and transportation of the dead, in and through the District. Act Congress, June 23, 1874.

Item 5. The transportation beyond the limits of the District of house-offals, night-soil, and dead animals. Act Congress, February 21, 1871.

Item 6. To prevent the introduction and spread of infectious and contagious diseases. Act legislative assembly, June 19, 1872.

Item 7. The draining of lots bordering on public or private sewers. Act legislative assembly, August 21, 1872.

Item 8. Collection of garbage in cities of Washington and Georgetown, and suburbs thereof. Order of Commissioners District Columbia, March 19, 1875.

Item 9. The burial of deceased paupers. Order of Commissioners District Columbia, September 8, 1874.

Required for items 1, 2, 3, 4, 5, 6, and 7.....	\$26, 117 50
Required for item 8.....	20, 000 00
Required for item 9.....	1, 000 00
Total.....	47, 117 50

Very respectfully, your obedient servants,

T. S. VERDI,
C. C. COX,
J. M. LANGSTON,
D. W. BLISS,
JOHN MARBURY, JR.,
Board of Health District Columbia.

The Hon. COMMISSIONERS,
District of Columbia.

3.—REPORT OF THE SECRETARY.

DISTRICT OF COLUMBIA BOARD OF HEALTH,
Washington, November 15, 1876.

SIR: I have the honor to submit herewith synopsis of the operations of the secretary's office for the year ending September 30, 1876:

Letters received.....	1, 480
Replied to, by indorsement.....	458
Letters written and recorded.....	439
Referred to health-officer.....	187
Other references.....	271

Ninety-six meetings have been held during the year, and the proceedings had at same duly recorded.

Copies of reports of special committees on the matter of the ventilation of the hall of the House of Representatives and the condition of Potomac water are presented herewith for publication, and attention invited to the same.

Very respectfully,

CHRIS. C. COX, M. D.,
Secretary.

T. S. VERDI, M. D.,
President.

4.—REPORT OF THE TREASURER.

WASHINGTON, D. C., July 31, 1876.

SIR: I have the honor to submit herewith statement of receipts and disbursements for the fiscal year ending June 30, 1876, from appropriation by Congress, act March 3, 1875:

RECEIPTS.

Date.	From whom received.	Appropriated.	
		By Congress.	By District of Columbia.
July 24, 1875	Treasurer of the United States	\$4,000 00	
July 28, 1875	Treasurer of the District of Columbia		\$2,176 45
Aug. 28, 1875	do		2,176 45
Aug. 28, 1875	Treasurer of the United States	2,117 50	
Sept. 29, 1875	do	3,000 00	
Sept. 29, 1875	Treasurer of the District of Columbia		2,176 45
Oct. 29, 1875	do		2,176 45
Oct. 29, 1875	Treasurer of the United States	2,000 00	
Nov. 6, 1875	do	2,000 00	
Nov. 23, 1875	Treasurer of the District of Columbia		2,176 45
Dec. 3, 1875	Treasurer of the United States	2,000 00	
Dec. 21, 1875	do	1,000 00	
Dec. 23, 1875	Treasurer of the District of Columbia		2,176 45
Jan. 7, 1876	Treasurer of the United States	1,000 00	
Jan. 27, 1876	do	2,000 00	
Jan. 31, 1876	Treasurer of the District of Columbia		2,176 45
Feb. 28, 1876	do		2,176 45
Feb. 28, 1876	Treasurer of the United States	1,000 00	
Mar. 31, 1876	do	2,000 00	
Mar. 31, 1876	Treasurer of the District of Columbia		2,176 45
Apr. 28, 1876	Treasurer of the United States	2,000 00	
Apr. 30, 1876	Treasurer of the District of Columbia		2,176 45
May 29, 1876	Treasurer of the United States	2,000 00	
May 31, 1876	Treasurer of the District of Columbia		2,176 45
June 28, 1876	do		2,176 55
	Totals	26,117 50	26,117 50
	Total appropriation for fiscal year	\$52,235 00	

DISBURSEMENTS.

Date.	To whom paid.	For what paid.	Appropriation.	
			By Congress.	District of Columbia.
1875.				
July 7	Washington Gas-Light Company	Gas		\$3 50
	Caroline West	Washing		2 52
	Allison Nailor, jr	Horse-hire		7 00
	Alfred Gardiner	do		5 00
	The Critic	Advertising		4 50
	Chronicle Publishing Company	do		7 50
	Evening Star	do		7 00
	National Republican	do		6 75
	Hoe & Bros. & Co.	Carpet-lining		15 00
	Kennebec Ice Company	Ice		6 40
	John C. Hogan	Awnings		3 20
	L. Rice	Repairs		5 43
	J. W. Burkart	Salary		16 00
9	D. S. Jones	Postage		5 00
	Sunday Herald	Advertising		6 00
	C. G. Thorn	Hose, pipe, &c		2 50
13	J. C. Wall	Postage		10 00
	Georgetown Courier	Advertising		3 50
14	Thomas Tayler	Disinfectants		24 20
15	W. D. Stewart	Salary		30 00
27	Warren Choate & Co	Stationery	\$175 23	

REPORT OF THE BOARD OF HEALTH.

Disbursements—Continued.

Date.	To whom paid.	For what paid.	Appropriation.	
			By Congress.	District of Columbia.
1875.				
July 27	C. Schneider	Keys	\$4 75	
	W. H. & O. H. Morrison	Books	12 50	
29	J. C. Wall	Postage	10 00	
	Pay of employes	July, 1875	2,694 48	
31	James Miller	Laborer	49 00	
	Andrew Elliott	do	49 00	
	John Wells	do	59 50	
	Patrick Hawkins	do	50 75	
	J. C. McGinn	Salary	62 00	
	H. D. Beam	Professional services	170 00	
Aug. 4	Caroline West	Washing		\$8 34
5	Republican job-office	Printing	76 50	
6	Kennebec Ice Company	Ice	9 30	
	S. M. & H. C. Jones	Forage	11 92	
	Washington Gas-Light Company	Gas	2 25	
	Thomas C. Wilson	Rent	110 00	
	J. J. Gleason & Co.	Forage	20 03	
	Washington Journal	Advertising	3 50	
	H. F. Turner & Co.	Transportation of official		625 00
12	Lewis Allen	Work	1 00	
	Washington Tribune	Advertising	1 50	
	H. Michaelis	Repairs	4 50	
	J. T. Springman	do	7 35	
	W. M. Hall	Labor	15 00	
13	Charles L. Hulse	Postage	10 00	
	J. L. Ginck	Printing	30 00	
20	J. H. Weirick	Postage		5 00
24	S. D. Castleman	Disinfectants	17 10	
	M. Foley	Labor	1 50	
	George McKinney	do	3 50	
27	C. L. Hulse	Postage	10 00	
	A. H. Whiting	Stationery	9 55	
	Summerscales & Co.	Lumber	12 00	
31	B. F. French	Stationery	245 50	
	J. C. McGinn	Salary	62 00	
	A. E. Boone	do	28 00	
	John Wells	Laborer	35 48	
	Patrick Hawkins	do	35 87	
	Andrew Elliott	do	35 87	
	James Miller	do	35 00	
	J. C. Wall	Salary	116 67	
Sept. 1	Pay of employes	August, 1875		2,746 91
	Republican job-office	Printing	66 00	
	S. M. & H. C. Jones	Forage	42 49	
	H. F. Turner & Co.	Transportation of official	625 00	
	Thomas C. Wilson	Rent	110 00	
2	J. T. Springman	Repairs	12 45	
	Caroline West	Washing	2 34	
4	Kennebec Ice Company	Ice	9 30	
	Washington Gas-Light Company	Gas	3 00	
	A. K. Browne	Professional services	85 00	
15	Odorless Excavating Apparatus Co.	Night-soil barrels	535 68	
	R. W. Barker	Furniture	45 00	
17	C. L. Hulse	Postage	10 00	
18	Gas Apparatus Company	Gas-machine	100 00	
24	J. J. Bogan	Map	10 00	
	Charles B. Davidge	Messenger	5 00	
	D. S. Jones	Postage		3 00
29	Pay of employes	September, 1875	2,638 39	
30	C. H. Snow	Salary	100 00	
	F. P. Sawyer	Transportation of night-soil		1,666 66
	Georgetown Courier	Advertising		5 00
	Chronicle Publishing Company	do		9 50
	Sunday Herald	do		8 00
	Edward Martin	Repairs		66 60
	C. Schneider	do		2 35
	J. W. Boteler & Bro.	Furniture		7 50
	Thomas C. Wilson	Rent		110 00
Oct. 2	H. F. Turner & Co.	Transportation of official		625 00
	S. M. & H. C. Jones	Forage		47 99
	Maine & Bro.	Horse-hire		40 50
	Washington Journal	Advertising		7 00
	Amelia Elliott	Washing		2 50
	C. L. Hulse	Postage		10 00
	A. E. Boone	Salary		30 00

Disbursements—Continued.

Date.	To whom paid.	For what paid.	Appropriation.	
			By Con- gress.	District of Columbia.
1875.				
Oct. 2	C. B. Davidge.....	Salary.....		\$7 00
	W. A. Beaman.....	do.....	\$13 00	
	J. W. Burkart.....	do.....	5 00	
	Andrew Elliott.....	Laborer.....	47 25	
	Patrick Hawkins.....	do.....	45 50	
	A. E. Boone.....	Salary.....	40 00	
	John Wells.....	Laborer.....	47 25	
	James Miller.....	do.....	45 50	
	H. D. Beam.....	Professional services.....	110 00	
	National Republican.....	Advertising.....	8 75	
	Republican job-office.....	Printing.....	62 00	
11	D. S. Jones.....	Postage.....		3 00
	J. C. McGinn.....	Salary.....		39 00
12	C. B. Davidge.....	do.....		8 00
	Washington Gas-Light Company.....	Gas.....		5 00
22	A. H. Whiting.....	Stationery.....		120 15
	J. W. Burkart.....	Salary.....		30 00
23	William Ricks.....	Laborer.....		5 75
26	C. L. Hulce.....	Postage.....		10 00
30	Pay-roll of employés.....	October, 1875.....		2,040 47
	G. C. Maynard.....	Repairs.....		102 50
	Thomas C. Wilson.....	Rent.....		110 00
	D. S. Jones.....	Salary.....	150 00	
	J. H. Weirick.....	do.....	116 66	
	C. L. Hulce.....	do.....	116 66	
	M. R. Hook.....	do.....	100 00	
	R. P. Brooks.....	do.....	75 00	
	George W. Lane.....	do.....	45 00	
	Evening Star Company.....	Advertising.....	8 25	
	H. Michaelis.....	Repairs.....	2 75	
	S. M. & H. C. Jones.....	Forage.....	29 00	
	The Critic.....	Advertising.....	7 13	
	Kennebec Ice Company.....	Ice.....	9 00	
	Thomas Taylor.....	Disinfectant.....	13 00	
	Warren Choate & Co.....	Books.....	34 70	
	J. C. Parker.....	Stationery.....	47 90	
	D. Appleton & Co.....	Subscription.....	5 00	
	J. T. Springman.....	Repairs.....	16 90	
	William Rutherford.....	Oil.....	1 10	
	Hoe Bros. & Co.....	Furniture.....	2 50	
	Capital Publishing Company.....	Advertising.....	8 00	
	Republican job-office.....	Printing.....	42 50	
	A. H. Whiting.....	Stationery.....	18 00	
	W. W. Burdette & Co.....	Carpets.....	46 13	
	H. F. Turner & Co.....	Transportation of offal.....	625 00	
	A. J. Joyce.....	Repairs.....	94 50	
Nov. 2	J. W. Burkart.....	Salary.....	28 00	
	Patrick Hawkins.....	Laborer.....	45 50	
	John Wells.....	do.....	22 75	
	James Miller.....	do.....	45 50	
	A. Elliott.....	do.....	45 00	
	A. E. Boone.....	Salary.....	100 00	
8	Benjamin F. French.....	Blank books.....	669 05	
	H. D. Beam.....	Professional services.....	60 00	
9	Odorless Excavating Apparatus Company.....	Night-soil barrels.....	263 04	
	W. B. Williams.....	Carpets.....	85 27	
	Amelia Elliott.....	Washing.....	2 52	
	Dickson & King.....	Fuel.....	131 25	
10	J. C. Parker.....	Stationery.....	55 13	
	C. Schneider.....	Keys, &c.....	4 50	
	Kennebec Ice Company.....	Ice.....	4 65	
15	Lewis Winter.....	Salary.....	50 00	
19	R. W. Barker.....	Repairs.....	93 00	
20	C. L. Hulce.....	Postage.....	10 00	
24	D. S. Jones.....	Salary.....	150 00	
	J. H. Weirick.....	do.....	116 66	
	C. L. Hulce.....	do.....	116 66	
	M. R. Hook.....	do.....	100 00	
	R. P. Brooks.....	do.....	75 00	
	George W. Lane.....	do.....	45 00	
	Pay of employés.....	November, 1875.....		1,955 00
	W. D. Mack.....	Services.....		10 00
26	H. D. Beam.....	Professional services.....		120 00
29	D. S. Jones.....	Postage.....		3 00
30	John Wells.....	Small-pox service.....		24 50
	Andrew Elliott.....	Laborer.....		36 75

Disbursements—Continued.

Date.	To whom paid.	For what paid.	Appropriation.	
			By Congress.	District of Columbia.
1875.				
Nov. 30	Patrick Hawkins.	Laborer.		\$36 75
Dec. 2	Thomas C. Wilson.	Rent.	\$110 00	
	H. F. Turner & Co.	Transportation of official.	625 00	
	J. W. McKnight.	Carpets.	173 02	
	S. M. & H. C. Jones.	Forage.	37 77	
	J. L. Hewitt.	Services.	19 11	
	J. T. Springman.	Repairs.	25 25	
4	A. E. Boone.	Salary.	100 00	
	Republican job-office.	Printing.	37 00	
	J. C. Hogan.	Awnings.	14 00	
	B. W. Reed & Son.	Supplies.	13 65	
	Amelia Elliott.	Washing.	2 34	
10	Chronicle Publishing Company.	Printing reports.	70 00	
	Kennebec Ice Company.	Ice.	4 50	
	C. L. Hulse.	Postage.	10 00	
17	H. B. Fry.	Salary.	50 00	
	R. P. Brooks.	do.	37 50	
	Washington Gas-Light Company.	Gas and repairs.	26 50	
	L. Rice.	Repairs.	8 06	
23	D. S. Jones.	Salary.	150 00	
	J. H. Weirick.	do.	116 66	
	C. L. Hulse.	do.	116 66	
	M. R. Hook.	do.	100 00	
	A. E. Boone.	do.	100 00	
	G. W. Lane.	do.	45 00	
	Pay of employes.	December, 1875.		1,729 32
	D. S. Jones.	Postage.		3 00
	H. D. Beam.	Professional services.		85 00
24	Andrew Elliott.	Laborer.		33 25
	Patrick Hawkins.	do.		31 50
	John Wells.	Small-pox service.		14 28
27	H. B. Fry.	Salary.	50 00	
	R. P. Brooks.	do.	37 50	
	L. Eisinger.	do.	100 00	
	W. W. Burdette.	Matting.	6 57	
	W. H. & O. H. Morrison.	Book.	6 50	
	H. I. Gregory.	Repairs.	26 00	
1876.				
Jan. 3	C. L. Hulse.	Salary.	95 00	
	A. E. Boone.	do.	80 00	
	M. R. Hook.	do.	80 00	
	J. C. Ray.	Repairs.	5 45	
5	L. E. Dudley.	Salary.		32 00
	C. Schneider.	Repairs.	2 50	
6	A. W. Barker.	do.	45 75	
	W. Rapley.	do.	12 00	
	S. M. & H. C. Jones.	Forage.	24 18	
	J. T. Springman.	Repairs.	6 50	
	Georgetown Courier.	Advertising.	10 00	
	Kennebec Ice Company.	Ice.	4 65	
	G. W. Lane.	Services.	7 50	
8	H. F. Turner & Co.	Transportation of official.	625 00	
	Thomas C. Wilson.	Rent.	110 00	
	Frank Philip.	Books.	2 50	
	Amelia Elliott.	Washing.	2 34	
	Washington Gas-Light Company.	Gas.	9 00	
	Republican job-office.	Printing.	34 00	
	Samuel Bootes.	Draughting.	250 00	
	L. Eisinger.	Salary.		110 00
	C. L. Hulse.	Postage.		10 00
15	J. C. Parker.	Stationery.	28 00	
	Sunday Herald.	Advertising.	19 00	
	Union Printing Company.	do.	10 00	
	Capital Publishing Company.	do.	18 00	
	L. E. Dudley.	Salary.	44 00	
19	Washington Journal.	Advertising.	15 00	
22	W. H. Boyd.	Directories.	15 00	
	National Republican.	Advertising.	20 25	
	Chronicle Publishing Company.	do.	21 25	
	L. E. Dudley.	Salary.	16 00	
29	H. F. Turner & Co.	Transportation of official.	635 00	
	J. C. Ray.	Repairs.	5 20	
	C. L. Hulse.	Postage.	10 00	
	B. F. French.	Blank books, &c.	698 40	
	Evening Star Company.	Subscription.	4 50	
	Pay of employes.	January, 1876.		2,305 43

Disbursements—Continued.

Date.	To whom paid.	For what paid.	Appropriation.	
			By Con- gress.	District of Columbia.
1876.				
Feb. 2	H. D. Beam	Professional services....	\$60 50	.....
3	J. C. Ray	Repairs	2 45	.....
	Andrew Elliott	Laborer	39 00	.....
	John Wells	Small-pox service	25 50	.....
	W. H. Hawkins	Laborer	37 50	.....
5	L. H. Schneider	Lock	4 75	.....
	Kennebec Ice Company	Ice	4 65	.....
	Washington Gas-Light Company	Gas	6 50	.....
	Thomas C. Wilson	Rent	110 00	.....
	Republican job-office	Printing	62 50	.....
	S. M. & H. C. Jones	Forage	27 82	.....
6	Amelia Elliott	Washing	3 00	.....
8	J. H. Weirick	Postage .....	.....	\$3 00
14	J. T. Springman	Repairs	5 00	.....
	The Critic	Advertising	3 25	.....
	A. H. Whiting	Stationery	20 05	.....
	H. R. Miles	Repairs	16 00	.....
	C. L. Hulse	Postage	10 00	.....
	Do	do	24 80	.....
16	Do	do	10 00	.....
19	L. B. Hadley	Salary .....	.....	52 60
29	Pay of employes	February, 1876 .....	.....	2,211 36
Mar. 1	Andrew Elliott	Laborer	29 25	.....
	John Wells	do	43 50	.....
	Patrick Hawkins	do	30 75	.....
2	D. C. Forney	Printing	71 62	.....
3	William Rutherford	Oil	1 22	.....
	J. T. Springman	Repairs	9 88	.....
	S. M. & H. C. Jones	Forage	22 17	.....
	B. F. French	Stationery	40 50	.....
4	H. F. Turner & Co.	Transportation of offal ..	625 00	.....
	Thomas C. Wilson	Rent	110 00	.....
	J. H. Bradley	Professional services....	150 00	.....
8	H. D. Beam	do	45 00	.....
10	Republican job-office	Printing	76 00	.....
11	Washington Gas-Light Company	Gas	5 00	.....
	G. W. Lane	Repairs	1 00	.....
	Amelia Elliott	Washing	1 44	.....
	Kennebec Ice Company	Ice	4 35	.....
	Allen Jones	Small-pox service	3 00	.....
	William Wilcoxon	do	5 75	.....
18	George W. Lane	Repairs	4 25	.....
	William F. Gibbons	Towels	8 00	.....
	A. R. S. Foote	Salary	50 00	.....
25	D. Jackson	Provisions, (small-pox service.)	1 22	.....
	Mayfield & Heister	Fuel	2 62	.....
	J. H. Weirick	Postage	2 00	.....
31	Pay of employes	March, 1876	2,011 66	.....
	M. R. Hook	Salary	100 00	.....
	G. H. Reid	do .....	.....	82 19
	E. B. Bliss	do .....	.....	83 27
	W. H. Chase	do .....	.....	72 35
	H. D. Beam	Professional services .....	.....	67 00
	Thomas C. Wilson	Rent .....	.....	110 00
	H. F. Turner & Co.	Transportation of offal ..	.....	625 00
	George W. Lane	Repairs .....	.....	2 50
Apr. 3	D. S. Jones	Postage .....	.....	2 00
	W. H. Hawkins	Salary, laborer .....	.....	21 00
	Andrew Elliott	do .....	.....	21 00
	John Wells	do .....	.....	34 50
4	R. Beresford	Printing .....	.....	3 00
	Perry Brothers	Flannel, (small-pox serv- ice.) .....	.....	5 70
	J. T. Springman	Repairs .....	.....	3 50
	J. D. McGill	Subscription .....	.....	2 00
	G. C. Maynard	Repairs .....	.....	1 50
	W. J. Murtagh	Printing .....	.....	63 00
	S. M. & H. C. Jones	Forage .....	.....	24 07
8	M. Shea	Filling lots .....	.....	46 50
	Amelia Elliott	Washing .....	.....	1 44
10	C. L. Hulse	Postage .....	.....	10 00
	Washington Gas-Light Company	Gas .....	.....	6 25
	Kennebec Ice Company	Ice .....	.....	4 65
	R. W. Reed & Co	Matches .....	.....	2 50
13	William Whalen	Gas-fitting .....	.....	9 30

Disbursements—Continued.

Date.	To whom paid.	For what paid.	Appropriation.	
			By Congress.	District of Columbia.
1875.				
Apr. 20	D. S. Jones	Postage		\$9 60
21	Allen Jones	Laborer		1 50
	H. A. Martin & Son	Vaccine virus		30 00
	William McLean	Lumber		10 10
	Robbins & Lewis	Vaccine virus		22 75
	J. C. Parker	Stationery		29 10
	J. McDermott & Brother	Repairs		35 60
	J. C. Parker	Stationery		16 25
25	C. L. Hulse	Postage		10 00
29	W. J. Murtagh	Printing		66 40
	Amelia Elliott	Washing		1 00
	W. H. Chase	Salary		3 25
	D. Appleton & Co.	Books		2 00
	Pay of pound-men	April, 1876		74 00
	Pay of employes	do		2,411 66
	H. D. Beam	Professional services	\$50 00	
	J. T. Springman	Repairs	32 95	
	Thomas C. Wilson	Rent	110 00	
	S. M. & H. C. Jones	Forage	27 32	
	H. F. Turner & Co.	Transportation of offal	625 00	
	Ben. F. French	Stationery	130 60	
May 4	H. A. Martin & Son	Vaccine virus		28 50
	Ben. F. French	Blank books		208 50
5	Washington Gas-Light Company	Gas		5 50
	Western Union Telegraph Company	Telegrams		2 51
12	D. S. Jones	Postage		3 00
	Evening Star Company	Subscription		1 76
	A. H. Whiting	Stationery		14 90
13	J. C. Hogan	Awnings		5 72
	John Marbury, Jr.	Postage		10 00
	C. Schneider	Repairs		3 50
19	Jno. Keyworth & Bro.	Sundries		9 00
23	H. Hammerslag	Fixtures		14 75
	Dickson & King	Fuel		4 00
26	W. J. Murtagh	Printing		50 10
29	Pay of employes	May, 1876	2,455 08	
31	Pay of pound-men	do	160 00	
June 2	H. D. Beam	Professional services	35 00	
	D. S. Jones	Postage	5 00	
5	Thomas C. Wilson	Rent	110 00	
	J. T. Springman	Repairs	11 50	
	S. M. & H. C. Jones	Forage	25 27	
	H. F. Turner & Co.	Transportation of offal		625 00
6	Kennebec Ice Company	Ice	6 84	
	Washington Gas-Light Company	Gas	3 38	
12	D. S. Jones	Postage	5 00	
	Amelia Elliott	Washing		1 44
14	Edward Martin	Repairs	32 00	
19	D. S. Jones	Postage	7 00	
21	The Sanitarian	Subscription	2 25	
	National Republican	do	1 75	
23	B. F. French	Stationery	60 00	
27	H. F. Turner & Co.	Transportation of offal		625 00
	Pay of employes	June, 1876		2,511 66
29	Thomas C. Wilson	Rent	109 20	
30	S. M. & H. C. Jones	Forage		31 19
	H. D. Beam	Professional services		105 00
	Pay of pound-men	June, 1876		214 00
July 3	J. T. Springman	Repairs		17 45
	W. J. Murtagh	Printing		50 00
	D. S. Jones	Postage		2 94
5	N. B. Fugitt	Lumber		7 04
	Washington Gas-Light Company	Gas		2 25
7	Kennebec Ice Company	Ice		9 21
24	J. C. Parker	Stationery		4 25
	C. Schneider	Repairs		1 50
	Totals		26,117 50	26,117 50
	Total appropriation for fiscal year			\$52,235 00

Vouchers for all expenditures as itemized above have been forwarded to the proper accounting-officers of the Government.

Very respectfully,

JOHN MARBURY, JR.,
Treasurer.

Audited and found correct:

J. M. LANGSTON.
D. W. BLISS.
Committee.

Dr. T. S. VERDI,
President Board of Health.

5.—REPORT OF REGISTRAR OF VITAL STATISTICS.

OFFICE OF REGISTRAR, BOARD OF HEALTH,
Washington, D. C., October 1, 1876.

GENTLEMEN: I present herewith my second annual report since the enforcement of the regulations governing the subject of vital statistics in the District of Columbia, which, in my judgment, has secured a full and correct record of deaths and interments of the dead, and a more nearly correct record of births and marriages, than is secured in other localities in this country less favored by comprehensive legislation and legal control of this subject.

I am gratified to notice that the importance of vital statistics is becoming more fully appreciated in this community, as the requirements of the laws governing the subject are secured, and the invaluable data for testamentary evidence and protective measures against the incursion of preventable disease are placed within reach of the people.

Your attention is respectfully invited to the accompanying tables, which present a full and complete statistical record of the births and marriages reported to this office, and the total mortality for the year ending September 30, 1876.

Table No. 1 exhibits the total number of births reported during the past year, which was 4,285, (370 more than were reported last year.) Of this number 55 were twin births—32 white and 23 colored.

Of the whole number, 2,568 were white and 1,717 colored; 2,184 were males and 2,101 females, of which 1,290 were white males, 1,278 white females, 894 colored males, and 823 colored females. The percentage of births to the total population was 2.678, or at the rate of 26.781 per 1,000, an increase of 2.234 per 1,000 over last year.

The percentage of white births to the white population was 2.223, or at the rate of 22.330 per 1,000, while the percentage of colored births to the colored population was 3.815, or at the rate of 38.155 per 1,000, which exhibits the fact that the percentage of births (reported) of the colored population was 1.582 per cent. in excess of the white. This comparative increase in the number of births (reported) may be attributed, first, to the natural growth of the District, and, second, to the more rigid enforcement of the regulations governing this subject.

Table No. 2 exhibits the total number of still-births for the year by sex and color, with percentages, and also the number by sex and color per 1,000 inhabitants. The number of still-births reported was 379, (9 less than last year,) of which number 143 were of white parentage, and 236 of colored. The same causes and conditions obtain to produce these

results, which were fully set forth in my last annual report, and they can only be remedied by a liberal education of the masses to a higher standard of social life and a strict compliance with sanitary regulations.

Table No. 3 exhibits the total number of certificates of marriages received in this office for record during the year, with percentages by color, also number per 1,000 inhabitants. There were received 752 certificates, (58 more than last year,) of which number 348 were white and 404 colored. This number probably represents not more than one-third of the whole number of marriages solemnized in the District during the year, again exhibiting the mortifying fact that the clergy are neglectful of an important duty, involving the interests not only of the contracting parties, but of the public generally, and will not comply with the requirements of the law unless compelled by its stern enforcement.

The total number of deaths registered for the twelve months ending September 30, 1876, was 4,246, (106 less than last year,) being 2.654 per cent. of the total population, or 26.537 per 1,000. Of this number, 2,153 were white, being 1.872 per cent. of the white population and 50.706 per cent. of the total mortality, and 2,093 were colored, being 4.651 per cent. of the colored population and 49.294 per cent. of the total mortality.

Of the whole number, 1,137 were white males, 1,016 were white females, 1,041 were colored males, and 1,052 were colored females.

Table No. 4 exhibits the total mortality from all causes during the year by classes and orders in each period of life, showing nativities, color, sex, and percentage of each disease, class, and order to total mortality.

By reference to this table it will be observed that the number of deaths from zymotic causes was 1,057, (48 less than last year,) 6.066 per 1,000, or 24.894 per cent. of the total mortality, a remarkably low rate from these causes when compared with that of other cities where a correct record of deaths is obtained; and, notwithstanding the natural increase of population, there is a gratifying reduction of deaths from these causes as compared with last year, which, in my judgment, is largely attributable to the rigorous enforcement of sanitary laws.

The number of deaths from miasmatic disease, order No. 1 of this class, was 930, 21.903 per cent. of the total mortality, and 5.812 per 1,000 inhabitants. Of the deaths from this cause, 511 were white, or 0.444 per cent. of the white population, and 419 were colored, or 0.931 per cent. of the colored population, again showing more than double the relative proportion of deaths from this order among the colored population. The total number of deaths from constitutional diseases was 947, (16 more than last year,) 22.303 per cent. of the total mortality, or 5.919 per 1,000 inhabitants. Of this number, 451 were white, or 0.391 per cent. of the white population, and 496 were colored, or 1.122 per cent. of the colored population, showing that in this community there is nearly three times as large a percentage of deaths from constitutional maladies among the colored as among the white population.

The total number of deaths from local diseases was 1,688, (38 less than last year, (39.755 per cent. of the total mortality, or 10.550 per 1,000. Of this number, 856 were white, or 0.744 per cent. of the white population, and 832 were colored, or 1.849 per cent. of the colored population. The greater number of deaths occurring in this class was from causes enumerated in orders nervous, respiratory, and digestive, which together were 1,433, or 84.888 per cent. of the total mortality in this class.

The total number of deaths from causes classified under developmental was 436, (2 less than last year,) 10.269 per cent. of the total

mortality, or 2.725 per 1,000. Of this number, 229 were white, or 0.199 per cent. of the white population, and 207 were colored, or 0.460 per cent. of the colored population. The total number of deaths from violence was 118, (34 less than last year,) 2.779 per cent. of the total mortality, or 0.737 per 1,000. Of this number, 54 were white, or 0.047 per cent. of the white population, and 64 were colored, or 0.142 per cent. of the colored population. Among the more prominent causes of death in this class were drowning, burned by coal-oil accidents, and neglect at birth, making in the aggregate 52 deaths from these causes, or 44.068 per cent. of the total mortality from this class.

Table No. 5 exhibits the totals of the several classes and orders, showing white and colored, male and female, nativity, and ages of decedents, and is arranged for convenient reference.

Table No. 6 exhibits the total mortality in classes, by months, quarters, and for the year, showing, by sex and color, the age of decedents, social relations, nativity, duration of residence in the District of Columbia, and duration of last sickness, also a grand aggregation of the number of deaths in all classes, monthly, quarterly, and annual.

It will be observed by reference to this table that the greater number of deaths from zymotic diseases occurred during the months of June, July, and August, being 547, or 51.845 per cent. of the total deaths from this class.

The greater number of deaths from constitutional causes occurred during the months of February, June, and July, being 289, or 30.507 per cent. of the total mortality from this cause, although the difference in the number of deaths from this class of diseases in the several months is not great; it is noticed, however, that the largest number occurred during the months which ushered in the extreme cold and extreme warm weather of the year. The largest number of deaths from local diseases occurred during the months of March, April, and July, being 540, or 32.000 per cent. of the total mortality from this class of causes, of which the large preponderance was from diseases of the respiratory organs, during the months of March and April; and of diseases involving the digestive organs, during the month of July. The largest number of deaths from the class developmental was during the months of March, June, and July, being 161, or 37.066 per cent. of the total mortality from this class. This number is largely represented by the deaths of the extremely old and of new-born infants.

The largest number of deaths from violence occurred during the months of May and July, being 32, or 27.119 per cent. of the total mortality from this cause.

Table No. 7 is a recapitulation by classes, by sex, and color, in each period of life, with percentages.

Table No. 8 exhibits the total mortality by classes and orders, by sex and color, and by months, quarters, and the year.

Table No. 9 shows the mortality from diarrhoeal diseases, by sex and color and age of decedents, with percentages. The number of deaths from these causes was 506, (51 more than last year,) 11.917 per cent. of total mortality from all causes. Of this number, 456 were under 5 years of age, being 90.119 per cent. of total mortality from this cause; 341 were children under 1 year of age, or 67.391 per cent. of the mortality from the same cause; 99 were children from 1 to 2 years of age, and 15 from 2 to 3 years; showing how large a proportion of the deaths of children under 5 years of age is caused by diarrhoeal diseases, being 47.870 per cent. of the total deaths from zymotic diseases.

Table No. 10 exhibits the mortality of children under five years of

age from all causes, with percentages. The total number of deaths in this period of life was 2,064, (123 less than last year,) 48.610 per cent. of the total mortality for the year. Of this number, 884 were white, or 0.769 per cent. of the white population, and 1,180 were colored, or 2.622 per cent. of the colored population; showing that a great preponderance of the deaths of children under five years of age occurs among the colored population.

Table No. 11 exhibits the number of deaths from phthisis pulmonalis by months, showing nativity, color, age, sex, and duration of residence in the District of Columbia, percentage of mortality in each period of life by sex and color to the mortality from this disease and to the total mortality from all causes. The whole number of deaths from this cause was 595, (16 more than last year,) or 14.013 per cent. of the total mortality, and 3.718 per 1,000 inhabitants; 149 were natives of the District of Columbia, 376 of other parts of the United States, and 79 were foreign-born; 306 were white and 289 colored; 285 were males and 310 were females; 33 had resided in the District of Columbia less than one year, 140 less than five years, 120 from 5 to 10 years, 154 from 10 to 20 years, and 32 unknown. The greatest number of deaths from this cause occurred during the months of February and April, and the greater mortality was between the ages of twenty and twenty-five years, being 89, or 14.958 per cent. of the total mortality from this cause.

Table No. 12 exhibits the daily mortality, by sex and color, during the year. By reference to this table it will be observed that the greatest mortality in any one day was 42, which occurred on July 10, and the least number, viz, 3, occurred on the 15th of April. The gradual but steady reduction, year by year, of the death-rate in the District of Columbia, and especially so from zymotic or preventable diseases, since the inauguration by the board of its thorough system of sanitary labor, can but be gratifying to our citizens as well as to the whole country, and is a monument to the faithful and skillful labors of the board of health, and their accomplished corps of employés.

The people of the District have enjoyed a remarkable immunity from epidemics of every character during the past year. The careful system of isolation enforced by the board in all sporadic or imported cases of contagious diseases, together with the system of inspection of premises and warning to families afflicted with infectious diseases, insures exemption from the general prevalence in this community of maladies of this character, and exhibits the great value of an efficient sanitary organ in aggregated communities, and especially so in a cosmopolitan city like the capital of the nation.

A peculiar duty rests upon Congress in the exercise of its authority over the people of this District in enacting suitable sanitary laws, and sustaining by liberal appropriations the authority charged with this important branch of municipal government. With any less effective provisions than these, the invasion of the seat of Government by a formidable epidemic would result in serious disaster to the interests of the state. As evincing the relative success resulting from the sanitary system of our board during the past year, compared with that of the previous year, we find that for the nine months ending June 30, 1876, there were 192 less deaths from all causes than for the same period during the year 1875. According to this ratio, there should have been a decrease during the three months immediately succeeding, (viz, July, August, and September, 1876,) of 64 deaths; while, in fact, there was an increase of 86, owing, it is believed, to the limited appropriation by Congress

which necessitated a reduction of the sanitary force to one-half its original number.

It is to be regretted that, in consequence of the small appropriations available for the use of this office for the present fiscal year, I am unable to present with this report a chart illustrating the actual daily mortality from all causes, and from phthisis pulmonalis and diarrhoeal diseases, in the District, for the year, with meteorological observations for the same period. I have, however, presented the daily mortality in Table No. 12 as the best means of remedying this defect.

The present clerical force in my office is inadequate to perform the duties imposed by Congress upon the board of health, viz, to make a full and correct record of vital statistics. It being impossible to transact the current business of the office, and record the births, marriages, and deaths, I have adopted the temporary plan of filing the certificates received, keeping an index for reference to the same, and trust that in the near future more liberal appropriations may render it possible for the registrar to discharge the duties imposed by law.

Very respectfully,

D. W. BLISS, M. D.,

Member of the Board of Health and Registrar of Vital Statistics.

The Hon. BOARD OF HEALTH, *District of Columbia.*

TABLE NO. I.—*Report of births in the District of Columbia for the twelve months ending September 30, 1876.*

Month and year.	White.			Colored.			Grand total.	Twin-births.		
	Male.	Female.	Total.	Male.	Female.	Total.		White.	Colored.	Total.
October, 1875.....	107	104	211	65	58	123	334	2	2	4
November, 1875.....	98	98	196	60	59	119	315	4	2	6
December, 1875.....	110	137	237	62	59	121	358	2	4	6
January, 1876.....	114	127	241	87	90	177	418	2	2	4
February, 1876.....	128	118	246	91	73	164	410	3	3	6
March, 1876.....	107	102	209	82	88	170	379	2	.....	2
April, 1876.....	85	105	190	71	79	150	340	3	.....	3
May, 1876.....	99	94	193	74	73	147	340	2	4	6
June, 1876.....	93	112	205	81	60	141	346	4	1	5
July, 1876.....	94	101	195	76	60	136	331	3	3	6
August, 1876.....	140	108	248	72	63	135	383	2	1	3
September, 1876.....	115	92	197	73	61	134	331	3	1	4
Total.....	1,290	1,278	2,568	894	823	1,717	4,285	32	23	*55
Percentage to total births by sex and color.....	30.105	29.825	59.930	20.863	19.207	40.070	100.000	.....	.....	.....
Percentage of births to population by color and sex.....	1.129	1.111	2.233	1.937	1.829	3.816	2.678	.028	.051	.034
Births per 1,000 inhabitants.....	11.217	11.113	22.330	19.866	18.289	38.155	26.781	.278	.511	.344

* Included in the total number of births.

TABLE NO. II.—*Report of still-births in the District of Columbia for the twelve months ending September 30, 1876.*

Month and year.	White.			Colored.			Grand total.
	Male.	Female.	Total.	Male.	Female.	Total.	
October, 1875	9	9	18	15	4	19	37
November, 1875	6	10	16	13	5	18	34
December, 1875	10	6	16	12	10	22	38
January, 1876	5	6	11	8	14	22	33
February, 1876	5	9	7	5	11	16	23
March, 1876	6	2	8	16	11	27	35
April, 1876	3	4	7	9	10	19	26
May, 1876	4	9	13	7	9	16	29
June, 1876	7	1	8	7	15	22	30
July, 1876	12	4	16	15	13	28	44
August, 1876	5	4	9	7	6	13	22
September, 1876	10	4	14	8	6	14	28
Total	82	61	143	122	114	236	379
Percentage to total still-births by sex and color	21.636	16.095	37.731	32.190	30.079	62.269	100.00
Percentage of still-births to population by color and sex .....	.071	.053	.194	.271	.253	.524	.27
Still-births per 1,000 inhabitants .....	.713	.530	1.943	2.711	2.533	5.244	2.30

TABLE NO. III.—*Report of marriages in the District of Columbia for the twelve months ending September 30, 1876.*

Month and year.	White.	Colored.	Total.
October, 1875	28	48	76
November, 1875	41	42	83
December, 1875	24	44	68
January, 1876	27	44	71
February, 1876	39	21	60
March, 1876	37	39	76
April, 1876	14	22	36
May, 1876	19	38	57
June, 1876	30	30	60
July, 1876	20	30	50
August, 1876	49	33	82
September, 1876	20	33	53
Total	348	404	752
Percentage to total marriages by color	46.277	53.723	100.00
Marriages per 1,000 inhabitants	3.026	8.978	4.700

TABLE NO. IV.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Under 1 month.			1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Class I.—ZYMOTIC.																								
Order 1.— <i>Miasmatic.</i>																								
Cholera infantum.....	4	4	5	19	20	10	14	27	23	20	19	16	16	14	23	16	14	12	1	3	1	1	1	1
Cholera morbus.....																								
Group.....																								
Dysentery.....	3	3	3	5	6	11	11	4	2	11	5	4	2	9	5	1	2	10	11	2	3	1	2	1
Diphtheria.....				1				1	1	1	1	1	1	1	6	3	3	2	1	5	2	1	1	4
Dysentery.....	1	1	1	1	1	1	1	3	1	1	1	1	3	1	2	3	2	3	1	1	1	1	1	1
Enterocolitis.....	1	1	1	2	5	5	1	4	1	2	2	1	4	3	3	2	3	3	1	1	1	1	1	1
Erysipelas.....	1	1	3	1																				
Fever bilious.....																								
Fever cerebro-spinal.....				1	1	1		1			1	1	1	1	2	3	1	1						
Fever congestive.....																								
Fever intermittent.....				1	1						1		1											
Fever remittent.....																								
Fever scarlet.....				1	2			1			1		1	4	5	1	5	3	2	1	2	1	3	1
Fever typhoid.....																								
Fever typhus.....																								
Fever typho-malarial.....																								
Measles.....				1																				
Pyæmia.....																								
Septæmia.....																								
Tonillitis.....																								
Toxæmia.....																								
Varicella.....				1	3	2		1		1	2	1	2	1	2	3	5	4	1	1	1	1	1	1
Whooping-cough.....	2																							
Total miasmatic diseases.....	10	9	11	7	29	36	30	38	39	35	40	33	30	25	32	30	49	44	36	43	13	12	17	10
Order 2.— <i>Enthetic or inoculated.</i>																								
Syphilis.....																								
Syphilis, (congenital).....	1	2																						
Total enthetic or inoculated.....	1	2																						

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 5 years.			5 to 10 years.			10 to 15 years.			15 to 20 years.			20 to 25 years.			25 to 30 years.			30 to 35 years.			35 to 40 years.			
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		
Class I.—ZYMOTIC.																									
Order 1.— <i>Miasmatic.</i>																									
Cholera infantum.....	83	69	63																						
Cholera morbus.....																									
Croup.....	8	15	4	8	4	4	1																		
Diarrhea.....	20	17	46	38																					
Diphtheria.....	19	9	2	3	2	3																			
Dysentery.....	3	8	8	7																					
Erysipelas.....	8	7	12	17																					
Etiocoelitis.....	1	3	4	1																					
Fever bilious.....																									
Fever cerebro-spinal.....	3	4	3	3	1																				
Fever congestive.....																									
Fever intermittent.....	1	1	1	1																					
Fever remittent.....	1	2	3	6	1	2																			
Fever scarlat.....	14	14	3	1	2	5	2																		
Fever typhoid.....	2	1	2	2	1	5	3	4	1	2	6	3	3	2	1	3	2	1	1	4	3	1	2	3	
Fever typhus.....																									
Fever typho-malarial.....	2	2	2	1	1	1																			
Measles.....	1																								
Pyæmia.....																									
Septicæmia.....																									
Tonillitis.....	1																								
Toxæmia.....																									
Varicella.....																									
Whooping-cough.....	7	6	11	9	1																				
Total miasmatic diseases.....	184	173	173	166	15	20	12	6	5	9	1	6	7	7	6	5	4	4	1	3	6	4	4	3	6
Order 2.— <i>Enthetic or inoculated.</i>																									
Syphilis.....																									
Syphilis (congenital).....																									
Total enthetic or inoculated.....																									

TABLE No. IV—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.		
	C.			C.			C.			C.			C.			C.			C.			C.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
CLASS I.—ZYMOTIC.																								
Order 1.—Miasmatic.																								
Cholera infantum.....																								
Cholera morbus.....			1			1																		
Croup.....																								
Diphtheria.....		1	1		1	1		1	1		1	1		1	1		1	1		1	1		1	1
Dysentery.....																								
Enterocolitis.....																								
Erysipelas.....		1																						
Fever bilious.....																								
Fever cerebro-spinal.....																								
Fever congestive.....																								
Fever intermittent.....		1																						
Fever remittent.....																								
Fever scarlet.....																								
Fever typhoid.....		1			1	1		1	1		1	1		1	1		1	1		1	1		1	1
Fever typhus.....																								
Fever typho-malarial.....		1	1					1	1		1	1		1	1		1	1		1	1		1	1
Measles.....																								
Pyæmia.....																								
Septæmia.....																								
Tonsillitis.....																								
Toxæmia.....																								
Varicella.....																								
Whooping-cough.....																								
Total miasmatic diseases.....	4	3	4	4	3	3	5	8	4	1	5	2	1	1	2	3	1	1	2	3	2	3	1	2
Order 2.—Euthetic or inoculated.																								
Syphilis.....																								
Syphilis (congenital).....																								
Total euthetic or inoculated.....																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	80 to 85 years.		85 to 90 years.		90 to 95 years.		95 to 100 years.		Above 100 years.		SOCIAL RELATIONS.										Widow or widower.		Unknown.				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Married.		Single.		W.	M.	F.	W.	M.	F.							
											W.	C.	W.	C.							W.	C.					
Class I.—ZYMOTIC.																											
Order 1.—Miasmatic.																											
Cholera infantum.....																											
Cholera morbus.....																											
Croup.....																											
Diarrhoea.....																											
Diphtheria.....																											
Dysentery.....																											
Enterocolitis.....																											
Erysipelas.....																											
Fever bilious.....																											
Fever cerebro-spinal.....																											
Fever congestive.....																											
Fever intermittent.....																											
Fever remittent.....																											
Fever scarlet.....																											
Fever typhoid.....																											
Fever typhus.....																											
Fever typho-malarial.....																											
Measles.....																											
Pyæmia.....																											
Septæmia.....																											
Tonsillitis.....																											
Toxæmia.....																											
Varicella.....																											
Whooping-cough.....																											
Total miasmatic diseases.....	1		1																								
Order 2.—Etiætic or inoculated.																											
Erythema.....																											
Erythema (congenital).....																											
Total etiætic or inoculated.....																											

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 5 years.				5 to 10 years.				10 to 15 years.				15 to 20 years.				20 to 25 years.				25 to 30 years.				30 to 35 years.				35 to 40 years.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
CLASS I.—ZYMOTIC.																																
Order 3.— <i>Dietic</i> .																																
Alcoholism { Intemperance																																
Insanition { Delirium tremens	19	11	13	23																												
Purpura hemorrhagica	2								1																							
Total dietic diseases	21	11	13	23					1																							
Order 4.— <i>Parasitic</i> .																																
Aphthæ	5	3	10	4																												
Worms			1																													
Total parasitic diseases	5	3	11	4																												
Total zymotic class	210	188	206	197	15	20	12	6	5	10	1	6	7	7	6	7	4	4	1	5	7	6	3	7	6	4	1	5	9	2		
CLASS II.—CONSTITUTIONAL.																																
Order 1.— <i>Diathectic</i> .																																
Anæmia	1																															
Anasarca			1	2																												
Cancer axilla																																
Cancer bladder																																
Cancer breast																																
Cancer face																																
Cancer ileum																																
Cancer intestines																																
Cancer leg																																
Cancer liver																																
Cancer omentum																																
Cancer ovary																																
Cancer rectum																																
Cancer spleen																																

TABLE No IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.		
	C.			C.			C.			C.			C.			C.			C.			C.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
CLASS I.—ZYMOTIC.																								
Order 3.— <i>Dietic</i> .																								
Alcoholism { Intemperance																								
{ Delirium tremens																								
Inanition																								
Purpura hemorrhagica																								
Total dietic diseases																								
Order 4.— <i>Parasitic</i> .																								
Aphthae																								
Worms																								
Total parasitic diseases																								
Total zymotic class	4	3	4	5	4	6	9	4	1	5	2	1	1	2	3	1	2	3	2	3	1	2	3	1
CLASS II.—CONSTITUTIONAL.																								
Order 1.— <i>Dysæthetic</i> .																								
Anæmia																								
Anasarca																								
Cancer, axilla																								
Cancer, bladder																								
Cancer, breast																								
Cancer, face																								
Cancer, feet																								
Cancer, ileum																								
Cancer, intestines																								
Cancer, leg																								
Cancer, liver																								
Cancer, omentum																								
Cancer, ovary																								
Cancer, rectum																								
Cancer, spleen																								

TABLE No. IV—Continued.

CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 RECORDED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	SOCIAL RELATIONS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	80 to 85 years.						85 to 90 years.						90 to 95 years.						Above 100 years.						Widow or widower.						Unknown.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.		C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
CLASS I.—ZYMOTIC. Order 3.— <i>Dietic</i> . Alcoholism { Intemperance Delirium tremens Inanition Purpura hemorrhagica Total dietic diseases Order 4.— <i>Parasitic</i> . <i>Aphthæ</i> Worms Total parasitic diseases Total zymotic cases																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

TABLE No. IV—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	NATIVITY.										RECAPITULATION.										Percentage of mortality from each disease to total mortality.	
	District of Columbia.					Other parts of U. S.					Foreign.					Total by color and sex.						Total deaths.
	W.		C.		M.	W.		C.		M.	W.		C.		M.	W.		M.	Total by sex.			
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.		M.	F.		
CLASS I.—ZYMOTIC. Order 3.— <i>Dietic.</i>																						
Alcoholism { Intemperance																						
Inanition { Delirium tremens																						
18	11	13	23	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
Purpura hemorrhagica																						
20	12	14	23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
Total dietic diseases																						
Order 4.— <i>Parasitic.</i>																						
4	3	10	4	1																		4
Aphthae																						
Worms																						
4	3	11	4	1																		4
Total parasitic diseases																						
226	206	290	290	40	50	58	36	24	17													24
CLASS II.—CONSTITUTIONAL. Order 1.— <i>Dietetic.</i>																						
Anemia																						
1	1	2	4	1	2	4	3	2	2													6
Anasarca																						
Cancer, axilla																						
Cancer, bladder																						
1																						1
Cancer, breast																						
1	1		1	3	1	3	2	1	1													9
Cancer, face																						
Cancer, ileum																						
Cancer, intestines																						
2						1	1	1	1													4
Cancer, liver																						
Cancer, lung																						
Cancer, stomach																						
Cancer, ovary																						
Cancer, rectum																						
Cancer, spleen																						

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Under 1 month.			1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.
CLASS II.—CONSTITUTIONAL.																								
Order 1.— <i>Diathectic.</i>																								
Cancer, stomach.....																								
Cancer, thigh.....																								
Cancer, uterus.....																								
Cancer, vagina.....																								
Cancerous oesophoria.....																								
Marsasmus.....	1	1	1	3	4	1	3	4	3	3	4	3	3	1	7	8	3	2	1			1		
Rheumatism.....																								
Total diathetic diseases.....	1	1	1	3	4	1	3	4	3	3	5	3	3	1	7	8	2	2	3	1		1		
Order 2.— <i>Tubercular.</i>																								
Abscess, lumbar.....																								
Gangrene, (struma).....																								
Hydrocephalus.....	1						2	2	3	1	4	1	2	3	1	4	2	3	1					1
Phthisis pulmonalis.....																								
Scrofula.....																								
Tubercular mesenterica.....																								
Tubercular bronchitis.....																								
Tubercular enteritis.....	1	1	1	1	6	3	2	3	2	1	2	4	2	2	13	11	2	6	8	1	8			2
Tubercular laryngitis.....																								
Tubercular meningitis.....																								
Tubercular peritonitis.....																								
Tuberculosis.....																								
Total tubercular diseases.....	1	1	1	1	2	11	6	4	4	9	3	3	6	5	9	9	10	17	3	2	8	11	1	4
Total constitutional class.....	2	2	2	4	6	11	7	7	8	12	6	3	11	8	12	9	11	25	5	4	8	14	2	4
CLASS III.—LOCAL.																								
Order 1.— <i>Nervous.</i>																								
Abscess of brain.....																								
Apoplexy, cerebral.....																								
Apoplexy, cerebral, (insolation).....																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	AGE PERIODS.												SOCIAL RELATIONS.											
	50 to 55 years.				55 to 60 years.				60 to 65 years.				65 to 70 years.				70 to 75 years.				75 to 80 years.			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS II.—CONSTITUTIONAL.																								
Order 1.— <i>Diathectic</i> .																								
Cancer, stomach																								
Cancer, thigh																								
Cancer, uterus																								
Cancer, vagina																								
Cancerous cachexia																								
Marasmus																								
Rheumatism																								
Total diathetic diseases	1				1																			
Order 2.— <i>Tubercular</i> .																								
Abscess, lumbar																								
Gangrene, (strum)																								
Hydrocephalus																								
Pneumonia pulmonalis	1	1																						
Scrophula																								
Tuberculosis																								
Tuberculosis bronchitis																								
Tuberculosis enteritis																								
Tuberculosis laryngitis																								
Tuberculosis meningitis																								
Tuberculosis peritonitis																								
Tuberculosis																								
Total tubercular diseases	1	1																						
Total constitutional cases	1	2	1	1																				
CLASS III.—LOCAL.																								
Order 1.— <i>Nervous</i> .																								
Abscess of brain																								
Apoplexy, cerebral																								
Apoplexy, cerebellar, (insulation)	1	1																						

TABLE No. IV.—Continued.
**CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.**

Cause of death.	NATIVITY.												RECAPITULATION.												Percentage of each disease to total mortality.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	District of Columbia.						Other parts of U. S.						Foreign.						Total by color and sex.							Total by color.				Total deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	W.			C.			W.			C.			W.			C.			W.			C.				W.	F.	M.	F.		C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total								W.	F.	Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
CLASS II.—CONSTITUTIONAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Order 1.— <i>Diatetic.</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Cancer, stomach.....	1	1

TABLE No. IV - Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Under 1 month.			1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
CLASS III.—LOCAL. Order 1.—Nervous.																								
Apoplexy, (serous).....																								
Atrophy, (epinal).....																								
Congestion of brain.....	2			1			1	1	3		4	5	1	2	2	3	1						2	1
Congestion of brain, (insolation).....																								
Convulsions, (infantile).....	12	8	26	17	8	9	8	4	6	12	8	3	6	15	8	7	2	3	2	1				
Coup de soleil.....																								
Coarctation.....																								
Dementia, (chronic).....																								
Dementia, (senile).....	1													1										
Epilepsy.....																								
Hemiplegia.....																								
Inflammation of brain.....	1							1	2		1	2	1											
Inflammation of brain, (insolation).....																								
Laryngismus stridulus.....																								
Locomotor ataxia.....																								
Mania, acute, (exhaustion from).....																								
Meningitis.....	2	2	1		1		1	4	6	2	1	2	3	2	4	6	4	3	2	3	1			
Myelitis.....																								
Paralysis.....																								
Paresis.....																								
Pott's disease of spine.....																								
Softening of brain.....																								
Softening of spinal cord.....																								
Tetanus, (idiopathic).....																								
Tetanus, (traumatic).....																								
Tetanus, (spontaneous).....																								
Tumor of brain.....	9	7	31																					
Total nervous diseases.....	94	80	84	44	10	10	9	10	15	17	10	11	15	18	10	14	13	10	17	4	5	7	4	1
Order 2.—Cerebrovascular.																								
Aneurism of aorta.....																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 5 years.			5 to 10 years.			10 to 15 years.			15 to 20 years.			20 to 25 years.			25 to 30 years.			30 to 35 years.			35 to 40 years.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
CLASS III.—LOCAL.																								
Order 1.—Nervous.																								
Apoplexy, (serous).....																								
Atrophy, (spinal).....																								
Congestion of brain.....	9	13	11	2		2	1	1	1															
Congestion of brain, (insolation).....																								
Convulsions, (infantile).....	36	37	71	49																				
Comp de soleil.....																								
Coxsalgia.....																								
Dementia, (chronic).....																								
Dementia, (seuile).....																								
Epilepsy.....	1			2																				
Hemiplegia.....																								
Inflammation of brain.....	3	4	1	8			1																	
Inflammation of brain, (insolation).....																								
Laryngismus stridulus.....				1																				
Locomotor ataxia.....																								
Mania, acute, (exhaustion from).....																								
Meningitis.....	15	21	13	7	1	1																		
Myelitis.....				1																				
Paralysis.....				1																				
Pott's disease of spine.....				1																				
Softening of brain.....																								
Softening of spinal cord.....																								
Tetanus, (idiopathic).....																								
Tetanus, (traumatic).....																								
Tetanus, nascentium.....	9	7	37	31																				
Tumor of brain.....																								
Total nervous diseases.....	74	81	136	102	4	4	3	2	1		2		3	3					1	3	3	4	4	4
Order 2.—Circulatory.																								
Aneurism of aorta.....																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	AGE PERIODS.												SOCIAL RELATIONS.																																			
	80 to 85 years.				85 to 90 years.				90 to 95 years.				95 to 100 years.				Above 100 years.				Married.						Single.						Widow or widower.						Unknown.									
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
CLASS III.—LOCAL.																																																
Order 1.— <i>Nervous.</i>																																																
Apoplexy, (cerebral).....																																																
Atrophy, (spinal).....																																																
Congestion of brain.....																																																
Congestion of brain, (insolation).....																																																
Convulsions, (infantile).....																																																
Coup de soleil.....																																																
Coxalgia.....																																																
Dementia, (chronic).....																																																
Dementia, (senile).....																																																
Epilepsy.....																																																
Hemiplegia.....																																																
Inflammation of brain.....																																																
Inflammation of brain, (insolation).....																																																
Laryngismus stridulus.....																																																
Locomotor ataxia.....																																																
Mania, acute, (exhaustion from).....																																																
Meningitis.....																																																
Myelitis.....																																																
Paralysis.....																																																
Paraplegia.....																																																
Pott's disease of spine.....																																																
Softening of brain.....																																																
Softening of spinal cord.....																																																
Tetanus, (idiopathic).....																																																
Tetanus, (traumatic).....																																																
Triamus nascentium.....																																																
Tumor of brain.....																																																
Total nervous diseases.....																																																
Order 2.— <i>Osculatory.</i>																																																
Aneurism of aorta.....																																																

TABLE No. IV—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
CLASS III.—LOCAL.																								
Order 1.—Nervous.																								
Apoplexy (serous)																								
Atrophy (spinal)																								
Congestion of brain	1	1					1	3	2															
Congestion of brain, (insolation)	3			1	1	1				2			1						1			1	2	
Convulsions, (infantile)										2														
Coup de soleil													1											
Coxalgia																								
Dementia, (chronic)																								
Dementia, (senile)													2											
Epilepsy																								
Hemiplegia																								
Inflammation of brain																								
Inflammation of brain, (insolation)																								
Laryngismus stridulus																								
Locomotor ataxia																								
Mania, acute, (exhaustion from)																								
Meningitis	1																							
Myelitis																								
Paralysis																								
Paraplegia																								
Pott's disease of spine																								
Softening of brain																								
Softening of spinal cord																								
Tetanus (idiopathic)																								
Tetanus, (traumatic)																								
Trismus nascentium																								
Tumor of brain																								
Total nervous diseases	7	3	4	3	11	5	1	9	7	5	4	2	10	9	3	0	13	8	11	5	3	3	1	5
Order 2.—Circulatory.																								
Aneurism of aorta																								

TABLE No. IV.—Continued.

CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERS FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

[illegible]

TABLE No. IV—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.			
	W.			W.			W.			W.			W.			W.			W.			W.			
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	
CLASS III.—LOCAL. Order 1.—Nervous.																									
				</																					

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	NATIVITY.										RECAPITULATION.										Percentage of total mortality.		
	District of Columbia.					Other parts of U. S.					Foreign.					Total by color and sex.						Total deaths.	
	W.		C.		M.	F.	W.	C.		M.	F.	W.	M.	F.	C.	Total by color.		Total by sex.					
	M.	F.	M.	F.				M.	F.							M.	F.	M.	F.	W.			C.	M.	F.
CLASS III.—LOCAL. Order 1.—Nervous.																							
Apoplexy (serous).....		1			1				1							2	1	3	1	2	2	4	.094
Atrophy (spinal).....					1																	1	.024
Congestion of brain.....	12	17	12	5	4	7	3	2	5	1						21	25	46	22	36	32	68	1.601
Congestion of brain, (insolation).....	2				5	1	1		5	1						12	2	14	1	13	2	15	.353
Convulsions, (infantile).....	35	37	70	47	1			2	1	2						36	37	73	120	107	86	193	4.545
Coup de soleil.....								3	1	2	1					2	4	2	4	5	1	6	.141
Coxalgia.....				1															1	1		1	.024
Dementia (chronic).....		1				1											2	2			2	2	.047
Dementia (senile).....																	1	1				1	.024
Epilepsy.....	1	2			3	3	4	3	2	2						6	6	12	6	9	11	20	.471
Hemiplegia.....				1				1		1	2					1	2	3	2	3	2	5	.118
Inflammation of brain.....	3	4	1		8			2	1							3	4	7	12	6	13	19	.447
Inflammation of brain, (insolation).....	1															1		1		1		1	.024
Laryngismus stridulus.....					1																		.024
Locomotor ataxia.....	1					1										2		2		2	1	1	.024
Mania acuta, (exhaustion from).....																							.024
Meningitis.....	13	21	11	7	4	1	5	1	3							20	22	42	24	36	30	66	1.554
Myelitis.....																							.024
Paralysis.....	1							2	2	2						1	3	4	1	3	5	8	.168
Pott's disease of spine.....				1		1	2	1	2	1						4	3	4	5	7	2	9	.219
Softening of brain.....	2							3	1	3	1					1	3	1	3	4	1	4	.094
Softening of spinal cord.....						5	2	4	1	3						10	2	12	6	15	3	18	.434
Tetanus, (idiopathic).....						1												1				1	.024
Tetanus, (traumatic).....		1														1	1	1			1	1	.024
Tetanus nascentium.....	9	7	31	29				3	2	6	2					1	1	4		4	1	5	.023
Tumor of brain.....																		1		46	36	82	1.978
Total nervous diseases.....	64	94	135	107	42	31	56	30	43	20						173	149	322	337	364	385	650	15.520
Order 2.—Circulatory.																							
Aneurism of aorta.....	1															2		2	1	3		3	.071

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1870.

Cause of death.	Under 1 month.			1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W.			W.			W.			W.			W.			W.			W.			W.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
CLASS III.—LOCAL.																								
Order 2.—Circulatory.																								
Aneurism of aorta, (thoracic).....																								
Aneurism of innominate artery.....																								
Aneurism of subclavian artery.....																								
Angina pectoris.....																								
Atrophy of heart.....																								
Dropsy, (cardiac).....																								
Embolism of brain.....																								
Embolism of brain, (insolation).....																								
Embolism of coronary artery.....																								
Endocarditis.....																								1
Fatty degeneration of heart.....																								
Heart clot.....																								
Hypertrophy of heart.....																								
Pericarditis.....																								2
Rheumatism of heart.....																								
Rupture of aorta.....																								
Rupture of jugular vein.....																								
Stenosis, (aortic).....																								
Thrombosis, (pulmonary artery).....																								
Valvular disease of heart.....	1																							
Total circulatory diseases.....	1																							1
Order 3.—Respiratory.																								
Asthma.....																								
Bronchial catarrh.....																								
Bronchitis.....	2																							
Congestion of lungs.....	1			1	6	3	5	3	2	4	1	2	3	1	4	3	6	1	1	1	1	1	1	
Congestion of lungs, (insolation).....	1																							
Emphysema.....																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 5 years.			5 to 10 years.			10 to 15 years.			15 to 20 years.			20 to 25 years.			25 to 30 years.			30 to 35 years.			35 to 40 years.			
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	
CLASS III.—LOCAL.																									
Order 2.—Circulatory.																									
Aneurism of aorta, (thoracic)																									
Aneurism of innominate artery																									
Aneurism of subclavian artery																									
Angina pectoris																	1								
Atrophy of heart																									
Dropsy, (cardiac)																									
Embolism of brain																									
Embolism of brain, (insolation)																									
Embolism of coronary artery																									
Endocarditis	1						1																	1	
Fatty degeneration of heart																									
Heart clot																									
Hypertrophy of heart																									
Pericarditis	2						1																		
Rheumatism of heart																									
Rupture of aorta																									
Rupture of jugular vein																									
Stenosis, (aortic)																									
Thrombosis, (pulmonary artery)																									
Valvular disease of heart	1	1					3	1									2	2	1				2	1	2
Total circulatory diseases	3	1	2	1	3	2	2	3	1	1			2	1	2	5	2	1	3	4	3	2	5	4	5
Order 3.—Respiratory.																									
Asthma																									
Bronchial catarrh																									
Bronchitis	9	17																							
Congestion of lungs	3	4																							
Congestion of lungs, (insolation)																									
Empyema																									

TABLE No. IV—Continued.

CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1870.

[illegible]

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	NATIVITY.										RECAPITULATION.										Percentage of mortality from each disease to total mortality.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	District of Columbia.					Other parts of U. S.					Foreign.					Total by color and sex.						Total by color.	Total by sex.	Total deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	W.		C.		F.	W.		C.		F.	W.		C.		F.	M.	F.	M.	F.	M.					F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.												M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
CLASS III.—LOCAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Order 2.—Circulatory.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Aneurism of aorta, (thoracic).....																									1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.		
	W. F. M.			W. F. M.			W. F. M.			W. F. M.			W. F. M.			W. F. M.			W. F. M.			W. F. M.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
CLASS III.—LOCAL.																								
Order 3.—Respiratory.																								
Hæmoptysis.....																								
Laryngitis.....																								
Edema glottidis.....																								
Edema of lungs.....																								
Pleuritis.....	1																							
Pneumonia.....	6	3	3	1	5	2	2	7	5	2	6	4	1	1	8	4	1	2	3	5	3	1	5	1
Total respiratory diseases.....	7	3	3	1	8	5	5	2	7	6	4	3	7	4	1	1	14	7	2	3	5	6	3	3
Order 4.—Digestive.																								
Abscess of liver.....																								
Abscess of pharynx.....																								
Ascites.....																								
Atrophy of liver.....																								
Cirrhosis of liver.....																								
Gallæ.....																								
Congestion of liver.....																								
Dentition, (morbid).....																								
Enteritis.....																								
Gastritis.....																								
(Gastro-enteritis).....																								
Hæmatemesis.....																								
Hepatitis.....																								
Hernia, (strangulated).....																								
Hypertrophy of liver.....																								
Intestinal catarrh.....																								
Intussusception of intestine.....																								
Jaundice.....																								
Peritonitis liver.....																								
Malnutrition.....																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	NATIVITY.										RECAPITULATION.										Percentage of each disease to total mortality.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	District of Columbia.				Other parts of U. S.				Foreign.				Total by color and sex.						Total by sex.			Total deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	W.		C.		W.	M.	F.	C.	W.	M.	F.	W.	M.	F.	W.	C.	M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	M.	F.	M.	F.															M.	F.			M.	F.	M.	F.	M.	F.	M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
CLASS III.—LOCAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Order 3.—Respiratory.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Hæmoptysis.....	1	2	1	1	1	2

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1878.

Cause of death.	Under 1 month.			1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Obstruction of intestines.....	1																							
Peritonitis (idiopathic).....																								
Pharyngitis.....																								
Stomatitis.....	1								1															
Stricture of rectum.....																								
Ulceration of intestines.....																								
Total digestive diseases.....	4	4	1	2	1	2	6	2	5	1	2	2	3	2	1	1	3	2	1	1	1	2		
Order 5.—Urinary.																								
Cystitis.....																								
Diabetes.....																								
Hypertrophy of prostate gland.....																								
Nephritis (Bright's disease).....						1							1					1						
Nephritis.....													1							1				
Pyelitis.....																								
Stricture of urethra.....																								
Uremia.....																								
Total urinary diseases.....						1							1	1				1			1			
Order 6.—Generative.																								
Cellulitis (pelvic).....																								
Hemorrhage (puerperal).....																								
Metritis (not puerperal).....									1															
Metro-peritonitis (not puerperal).....																								
Ovarian tumor.....																								
Total generative diseases.....																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 5 years.			5 to 10 years.			10 to 15 years.			15 to 20 years.			20 to 25 years.			25 to 30 years.			30 to 35 years.			35 to 40 years.		
	G.			G.			G.			G.			G.			G.			G.			G.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
CLASS III.—LOCAL.																								
Order 4.—Digestive.																								
Obstruction of intestines.....	1																							
Peritonitis, (idiopathic).....																								
Pharyngitis.....	1																							
Stomatitis.....	1																							
Stricture of rectum.....																								
Ulceration of intestines.....																								
Total digestive diseases.....	15	16	14	3	2	2	2	1	1	1	1	2	1	2	1	3	6	2	4	4	1	5	1	1
Order 5.—Urinary.																								
Cystitis.....																								
Diabetes.....																								
Hypertrophy of prostate gland.....																								
Nephritis, (Bright's disease).....		1	1																					
Nephritis.....	1	1																						
Pyelitis.....																								
Stricture of urethra.....																								
Uremia.....																								
Total urinary diseases.....	2	2	1																					
Order 6.—Generative.																								
Gonorrhea, (polio).....																								
Hemorrhage, (puerperal).....																								
Metritis, (not puerperal).....	1																							
Metropertinitis, (not puerperal).....																								
Ovarian tumor.....																								
Total generative diseases.....	1																							

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	10 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Obstruction of intestines	1	1								1						1								
Peritonitis, (idiopathic)																								
Pharyngitis																								
Stomatitis																								
Stricture of rectum																								
Ulceration of intestines																								
Total digestive diseases	6	5	1	7	4	1	4	6	2	2	7	3	2	1	2	2	1	4	3	1	2	4	1	1
Order 5.— <i>Urinary.</i>																								
Cystitis																								
Diabetes																								
Hypertrophy of prostate gland																								
Nephritis, (Bright's disease)	1			1				2			1	1				3		1			1			
Nephritis																								
Pyelitis																								
Stricture of urethra																								
Uremia																								
Total urinary diseases	1			1				3	2	2	1	1				4		1	3	1		2		
Order 6.— <i>Generative.</i>																								
Cellulitis, (pelvic)																								
Hemorrhage, (puerperal)																								
Metritis, (not puerperal)																								
Metro-peritonitis, (not puerperal)																								
Ovarian tumor																								
Total generative diseases																								

TABLE No. IV—Continued.

CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	NATIVITY.										RECAPITULATION.												
	District of Columbia.				Other parts of U. S.				Foreign.				Total by color and sex.				Total by color.		Total by sex.		Percentage of mortality from each disease to total mortality.		
	W.		C.		W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.				
	M.	F.	M.	F.																			
	C.	F.	C.	F.																			
	W.	C.	W.	C.																			
CLASS III.—LOCAL.																							
Order 4.—Digestive.																							
Obstruction of intestines.....																							
1	1				1		1	1						2	1	1	4	2	3	6	.141		
	3	2	2	2	2	1	3	2	2	4	6	3	3				10	6	7	16	.377		
Pharyngitis (idiopathic).....																							
		1																			.034		
Stomatitis.....																							
1	1													1	1		2	1	1	2	.047		
Stricture of rectum.....																							
																					.047		
Ulceration of intestines.....																							
														1	1		2	1	1	2	.047		
Total digestive diseases.....																							
90	26	19	14	30	12	17	18	23	15					73	53	32	126	68	106	88	4,616		
Order 5.—Urinary.																							
Cystitis.....																							
2		1		1			1							2		1	3	2	4	1	5	.118	
Diabetes.....																							
														1		1	1	1	1	1	2	.047	
Hypertrophy of prostate gland.....																							
																					.024		
Nephritis (Bright's disease).....																							
•1	5	3	1	8	2	2	4	7	2					16	9	5	25	10	21	14	35	.884	
Nephritis.....																							
	2			2	3	3	1							2	2	3	4	4	5	3	8	.083	
Pyelitis.....																							
														1			1		1		1	.033	
Stricture of urethra.....																							
																					.034		
Uremia.....																							
				1		1	1	1						2		1	2	1	3		3	.071	
Total urinary diseases.....																							
3	7	4	2	12	2	6	6	12	2					27	11	10	38	18	37	19	56	1,319	
Order 6.—Generative.																							
Cellulitis (pelvic).....																							
																						.047	
Hemorrhage (puddental).....																							
1					2										2			2		2	1	1	.034
Metritis (not puerperal).....																							
					1		1							1	1	1	1	1				2	.047
Metropertinitis (not puerperal).....																							
																						.047	
Ovarian tumor.....																							
	1				1										2			2		2	2	2	.047
Total generative diseases.....																							
	2				4		1		1					7		2	7	1		9	9	212	

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.		45 to 50 years.		50 to 55 years.		55 to 60 years.		60 to 65 years.		65 to 70 years.		70 to 75 years.		75 to 80 years.	
	W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS III.—LOCAL.																
Order 7.—Locomotor, (osseous.)																
Caries of temporal bone.....																
Caries of vertebrae.....																
Coxarum morbus.....																
Lordosis, (cervical).....																
Necrosis of clavicle and sternum.....																
Necrosis of femur.....																
Necrosis of hand.....																
Rachitis.....																
Total locomotory (osseous) diseases.....	2		1													
Order 8.—Locomotor, (integumentary.)																
Abscess of perineum.....																
Abscess of thyroid gland.....									1							
Afevitis.....																
Caruncle.....											1					
Cellulitis.....																
Eczema impetiginodes.....																
Lupus exedens.....									1							
Scleroderma.....																
Total locomotory, (integumentary).....									1	1						
Total local cases.....	25	14	8	7	31	17	9	30	19	15	8	30	21	10	17	10
CLASS IV.—DEVELOPMENTAL.																
Order 1.—Children.																
Atelectasis pulmonum.....																
Atresia ani.....																
Congenital deformity.....																
Debilis (congenital).....																
Hemorrhage, (umbilical).....																

TABLE No. IV—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	80 to 85 years.						85 to 90 years.						90 to 95 years.						95 to 100 years.						Above 100 years.						SOCIAL RELATIONS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.		

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Under 1 month.			1 to 4 months.			4 to 8 months.			8 to 13 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W.			W.			W.			W.			W.			W.			W.			W.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
CLASS IV.—DEVELOPMENTAL.																								
Order 1.— <i>Children.</i>																								
Hernia.....									1															
Intoxication neonatorum.....	3	1	2																					
Premature birth.....	97	18	14	16	2		1	1																
Preternatural birth.....		2	2	2			1																	
Spina bifida.....			1																					
Total development diseases children.....	48	38	46	39			7	2	7															
Order 2.— <i>Women.</i>																								
Abortion.....																								
Chlorosis.....																								
Hemorrhage (postpartum).....																								
Hemorrhage (uterine).....																								
Metrorrhagia.....																								
Paralysis of heart during labor.....																								
Puerperal convulsions.....																								
Puerperal fever.....																								
Puerperal mania.....																								
Puerperal metritis.....																								
Puerperal metro-peritonitis.....																								
Puerperal peritonitis.....																								
Puerperal septicemia.....																								
Puerperal toxemia.....																								
Rupture of uterus.....																								
Suppressed menstium.....																								
Tedious labor, (exhaustion from).....																								
Total development diseases women.....																								
Order 3.— <i>Old age.</i>																								
Debility (senile).....																								
Gangrene, (senile).....																								
Total diseases of age.....																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 5 years.			5 to 10 years.			10 to 15 years.			15 to 20 years.			20 to 25 years.			25 to 30 years.			30 to 35 years.			35 to 40 years.		
	W. F. M.			W. F. M.			W. F. M.			W. F. M.			W. F. M.			W. F. M.			W. F. M.			W. F. M.		
	W.	F.	M.	W.	F.	M.	W.	F.	M.	W.	F.	M.	W.	F.	M.	W.	F.	M.	W.	F.	M.	W.	F.	M.
Class IV.—DEVELOPMENTAL.																								
Order 1.—Children.																								
Hernia.....			1																					
Infantile neonatorum.....	4		3																					
Premature birth.....	30	18	15																					
Preternatural birth.....	2	3	2																					
Spina bifida.....			1																					
Total developm'l diseases children.....	57	45	42																					
Order 2.—Women.																								
Abortion.....																								
Chlorosis.....																								
Hemorrhage (postpartum).....																								
Hemorrhage (uterine).....																								
Menorrhagia.....																								
Weakness of heart during labor.....																								
Puerperal convulsions.....																								
Puerperal fever.....																								
Puerperal mania.....																								
Puerperal metritis.....																								
Puerperal metro-peritonitis.....																								
Puerperal peritonitis.....																								
Puerperal pyemia.....																								
Puerperal toxemia.....																								
Rupture of uterus.....																								
Suppression loquax.....																								
Suppression menses.....																								
Tedious labor, (exhaustion from).....																								
Total developm'l diseases women.....																								
Order 3.—Old age.																								
Debility, (senile).....																								
Gangrene, (senile).....																								
Total diseases of age.....																								

TABLE No. IV—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Class IV.—DEVELOPMENTAL.																								
Order 1.—Children.																								
Hernia.....																								
Icterus neonatorum.....																								
Premature birth.....																								
Preternatural birth.....																								
Spina bifida.....																								
Total developm't diseases children.....																								
Order 2.—Women.																								
Abortion.....																								
Chlorosis.....																								
Hemorrhage, (postpartum).....																								
Hemorrhage, (uterine).....																								
Metrorrhagia.....																								
Paralysis of heart during labor.....																								
Puerperal convulsions.....																								
Puerperal fever.....																								
Puerperal mania.....																								
Puerperal metritis.....																								
Puerperal metro-peritonitis.....																								
Puerperal peritonitis.....																								
Puerperal septemia.....																								
Puerperal toxemia.....																								
Rupture of uterus.....																								
Suppression menalum.....																								
Tedious labor, (exhaustion from).....																								
Total developm't diseases women.....																								
Order 3.—Old age.																								
Debility, (senile).....																								
Gaugre, (senile).....																								
Total diseases of age.....																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	80 to 85 years.						90 to 95 years.						95 to 100 years.						Above 100 years.						SOCIAL RELATIONS.						Unknown.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.				W.			C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	M. F. F.			M. F. F.			M. F. F.			M. F. F.			M. F. F.			M. F. F.			M. F. F.			M. F. F.			M. F. F.			M. F. F.				M. F. F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Single.			Married.			Single.			Married.			Single.			Married.			Single.			Married.			Single.			Married.				Single.			Married.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
CLASS IV.—DEVELOPMENTAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	NATIVITY.										RECAPITULATION.										Percentage of mortality from each disease to total mortality.		
	District of Columbia.					Other parts of U. S.					Foreign.					Total by color and sex.							
	W.		C.		Total.	W.		C.		Total.	W.		C.		Total.	W.		C.		Total by sex.			
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.				
CLASS IV.—DEVELOPMENTAL.																							
Order 1.—Children.																							
Hernia.....	4	1	1	2	8											4	1	1	2	6	1	.024	
Icterus neonatorum.....	30	18	14	17	79											30	18	15	17	70	35	1.884	
Premature birth.....	3	2	3	2	10											3	2	3	2	10	4	.165	
Preternatural birth.....	2	1	1	1	5											2	1	1	1	5	7	.094	
Spina bifida.....	1	1	1	1	4											1	1	1	1	4	1	.024	
Total developm'l diseases children.....	57	45	53	42	197											57	45	54	42	198	57	4.663	
Order 2.—Women.																							
Abortion.....	1	1	1	1	4																		
Chlorosis.....																							
Hemorrhage, (postpartum).....	1	1	1	1	4											1	1	1	1	4	3	.071	
Hemorrhage, (uterine).....																1	3	1	1	6	1	.023	
Metrorrhagia.....																							
Paralysis of heart during labor.....																							
Puerperal convulsions.....																							
Puerperal fever.....	1	1	1	1	4											1	1	1	1	4	1	.024	
Puerperal mania.....	1	1	1	1	4											1	1	1	1	4	1	.024	
Puerperal metritis.....																							
Puerperal metro-peritonitis.....																							
Puerperal peritonitis.....																							
Puerperal septemia.....																							
Puerperal toxemia.....																							
Rupture of uterus.....																							
Suppression mensium.....																							
Tedious labor, (exhaustion from).....																							
Total developm'l diseases women.....	5	6	6	6	23											5	6	6	6	23	53	1.248	
Order 3.—Old age.																							
Debility, (senile).....	1	7	1	1	10											38	40	30	38	146	73	3.321	
Gaugrene, (senile).....																2	1	1	1	5	2	.118	
Total diseases of age.....	1	7	1	1	10											40	41	31	39	151	75	2.439	

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Under 1 month.			1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W. C. M.			W. C. M.			W. C. M.			W. C. M.			W. C. M.			W. C. M.			W. C. M.			W. C. M.		
	W.	F.	C.	W.	F.	C.	W.	F.	C.	W.	F.	C.	W.	F.	C.	W.	F.	C.	W.	F.	C.	W.	F.	C.
CLASS IV.—DEVELOPMENTAL. Order 4.— <i>Nutrition.</i>																								
Asthenia																								
Atrophy																								
Total diseases of nutrition																								
Total developmental class	48	38	46	39	7	5	2	2	1	1														
CLASS V.—VIOLENT DEATHS. Order 1.— <i>Accidents and negligence.</i>																								
Burned, (by clothing taking fire from hall gas-light)																								
Burned, (by clothing taking fire while ironing)																								
Burned, (by clothing taking fire while playing with fire)																								
Burned, (by clothing taking fire from candle during fire)																								
Burned, (by clothing taking fire)																								
Burned, (from coal-oil)																								
Burned, (in house ignited from coal-oil explosion)																								
Concussion of brain, (fall from building) pot)																								
Concussion of brain, (fall from arms of nutmeg)																								
Concussion of brain, (from blow)																								
Concussion of brain, (from being struck with stone)																								
Concussion of brain, (from fall crushed, (by falling of rock at quarry)																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 5 years.			5 to 10 years.			10 to 15 years.			15 to 20 years.			20 to 25 years.			25 to 30 years.			30 to 35 years.			35 to 40 years.		
	W. M. F.			W. M. F.			W. M. F.			W. M. F.			W. M. F.			W. M. F.			W. M. F.			W. M. F.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
Class IV.—DEVELOPMENTAL.																								
Order 4.—Nutrition.																								
Asthma.....																								
Atrophy.....																								
Total diseases of nutrition.....																								
Total developmental class.....	57	45	54	42																				
Class V.—VIOLENT DEATHS.																								
Order 1.—Accidents and negligence.																								
Burned, (by clothing taking fire from	1																							
hall gas-light).....																								
Burned, (by clothing taking fire while																								
ironing).....																								
Burned, (by clothing taking fire while																								
playing with fire).....																								
Burned, (by clothing taking fire from																								
candle during fit).....																								
Burned, (by clothing taking fire).....	1		1																					
Burned, (from coal-oil).....	1		1																					
Burned, (in house ignited from coal-oil																								
explosion).....																								
Concussion of brain, (fall from building)																								
Concussion of brain, (fall against iron																								
pot).....																								
Concussion of brain, (fall from arms																								
of nurse).....																								
Concussion of brain, (from blow).....	1																							
Concussion of brain, (from being struck																								
by railroad engine).....																								
Concussion of brain, (from fall).....	1																							
Crushed, (by falling of rock at quarry)																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.		
	W.			W.			W.			W.			W.			W.			W.			W.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
CLASS IV.—DEVELOPMENTAL.																								
Order 4.—Nutrition.																								
Athenia	1	2					1	2	1		1	1	3			2	1	3	2	1	2	1	4	1
Atrophy																								
Total diseases of nutrition	1	2					1	2	1		1	1	3			2	1	3	2	1	2	1	4	1
Total developmental cases	1	2					1	2	1		1	1	3			2	1	3	2	1	2	1	4	1
CLASS V.—VIOLENT DEATHS.																								
Order 1.—Accidents and negligence.																								
Burned, (by clothing taking fire from																								
hall gas light)																								
Burned, (by clothing taking fire while																								
ironing)																								
Burned, (by clothing taking fire while																								
playing with fire)																								
Burned, (by clothing taking fire from																								
candle during fit)	1																							
Burned, (by clothing taking fire)																								
Burned, (from coal-oil)																								
Burned, (in house ignited from coal-oil																								
explosion)																								
Concussion of brain, (fall from building)																								
Concussion of brain, (fall against iron																								
pot)																								
Concussion of brain, (fall from arms																								
of nurse)																								
Concussion of brain, (from blow)																								
Concussion of brain, (from being struck																								
by railroad engine)																								
Concussion of brain, (from fall																								
from falling of rock at quarry)																								

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	80 to 85 years.						85 to 90 years.						90 to 95 years.						95 to 100 years.						Above 100 years.						SOCIAL RELATIONS.												Unknown.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.			M. F. M. F. M. F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
CLASS IV.—DEVELOPMENTAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1870.

Cause of death.	Under 1 month.			1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Class V.—VIOLENT DEATHS.																								
Order 1.— <i>Accidents and negligence.</i>																								
Drowned.....																								
Drowned, (accidental).....																								
Fracture of femur, (fall of bank of earth).....																								
Fracture of femur.....																								
Fracture of legs and thigh.....																								
Fracture of skull, (fall from building).....																								
Fracture of skull.....																								
Fracture of skull, (by blow).....																								
Fracture of skull, (by fall).....																								
Killed by blow on abdomen.....																								
Killed by lightning.....																								
Killed by railroad.....																								
Neglect at birth.....	1	1	2	7																				
Overlying by mother.....																								
Poisoned by alcohol.....							1																	
Poisoned by caustic potash.....									2															
Poisoned by chloral hydrate.....																								
Poisoned by crocote.....																								
Poisoned by eating matches.....																								
Poisoned by morphia.....	1																							
Scald.....																								
Shock from fright.....																								
Shock from surgical operation.....																								
Smothered, (accidental).....	1																							
Strangled, (accidental).....																								
Suffocation, (asphyxia).....																								
Wound, gunshot.....	1																							
Wound, gunshot, (accidental).....																								
Total deaths by accidents and negligence.....	2	3	2	10	1		2		2	1			1			2	1	2	1		1	1		1

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
CLASS V.—VIOLENT DEATHS.																								
Order 1.—Accidents and negligence.																								
Drowned																								
Drowned, (accidental)	2	1																						
Fracture of femur, (fall of bank of earth)																								
Fracture of femurs																								
Fracture of legs and thigh																								
Fracture of skull, (fall from building)																								
Fracture of skull																								
Fracture of skull, (by blow)																								
Fracture of skull, (by fall)																								
Killed by blow on abdomen																								
Killed by lightning																								
Killed by railroad																								
Neglect at birth																								
Overlying by mother																								
Poisoned by alcohol																								
Poisoned by caustic polish																								
Poisoned by chloral hydrate																								
Poisoned by crocodile																								
Poisoned by eating matches																								
Poisoned by morphia																								
Scald																								
Shock from fright																								
Shock from surgical operation																								
Smothered, (accidental)																								
Strangled, (accidental)																								
Suffocation, (asphyxia)																								
Wound, gunshot																								
Wound, gunshot, (accidental)																								
Total deaths by accidents and negligence	2	2	1	1	1							2				2			1	2	1			

TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	DISTRICT OF COLUMBIA.												NATIVITY.												RECAPITULATION.												Percentage of mortality from each disease to total mortality.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	District of Columbia.						Other parts of U. S.						Foreign.						Total by color and sex.						Total by color.						Total by sex.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	W.		C.				W.		C.				W.		C.				W.		C.				W.		C.				M.		F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
CLASS V.—VIOLENT DEATHS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Order 1.—Accidents and negligence.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE No. IV.—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Under 1 month.			1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.							
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.					
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.						
CLASS V.—VIOLENT DEATHS. Order 2.— <i>Homicide</i> .																													
By stabbing																													
By fracture of skull																													
Fracture of skull by blow																													
Infanticide	3	2										1																	
Total homicidal deaths	3	2										1																	
Order 3.— <i>Suicide</i> .																													
By poison, (arsenicum)																													
By poison, (aconite)																													
Total suicidal deaths																													
Total violent class	9	6	2	12	1		2		3	1			1		1	2	1	2	1		1	1	1	1					
Grand total from all causes	106	87	145	121	65	75	86	88	69	106	76	55	59	82	74	86	117	126	31	27	45	49	14	30	34	11	13	6	13

TABLE No. IV.—(Continued).

CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

[illegible]

TABLE No. IV—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	40 to 45 years.			45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.		
	W.			W.			W.			W.			W.			W.			W.			W.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
CLASS V.—VIOLENT DEATHS.																								
Order 2.—Homicide.																								
By stabbing																								
By fracture of skull																								
Fracture of skull by blow																								
Infanticide																								
Total homicidal deaths																								
Order 3.—Suicide.																								
By poison, (arsenicum)																								
By poison, (aconite)																								
Total suicidal deaths																								
Total violent cases	2	1	1	1	1	1	2	1	2	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1
Grand total from all causes	50	39	27	22	54	34	22	56	35	34	17	52	41	23	23	30	31	38	26	32	36	13	17	14

TABLE No. IV—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	SOCIAL RELATIONS.																																									
	80 to 85 years.						85 to 90 years.						90 to 95 years.						95 to 100 years.						Above 100 years.						Widow or wid- ower.						Unknown.					
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.									
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.								
CLASS V.—VIOLENT DEATHS.																																										
Order 2.—Homicide.																																										
By stabbing																																										
By fracture of skull																																										
Fracture of skull by blow																																										
Infanticide																																										
Total homicidal deaths																																										
Order 3.—Suicide.																																										
By poison, (arsenicum)																																										
By poison, (aconite)																																										
Total suicidal deaths																																										
Total violent class																																										
Grand total from all causes	14	20	8	11	8	13	6	5	1	2	1	2	2	2	3	1	3	4	324	224	213	166	688	600	766	740	91	180	50	137	34	12	12	9								

TABLE No. IV—Continued.
 CONSOLIDATED ABSTRACT OF DEATHS IN THE DISTRICT OF COLUMBIA FROM ALL CAUSES,
 REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	NATIVITY.												RECAPITULATION.												Percentage of each disease to total mortality.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	District of Columbia.						Other parts of U. S.						Foreign.						Total by color and sex.							Total deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	W.			C.			W.			C.			W.			U.			W.			C.					Total by sex.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.				M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Order 2.—Homicide.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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TABLE No. V.—Continued.
RECAPITULATION BY CLASSES AND ORDERS.

Classes and orders.	AGE OF DECEDENT.																	
	65 to 70 years.			70 to 75 years.			75 to 80 years.			80 to 85 years.			85 to 90 years.			90 to 95 years.		
	W.	C.		W.	C.		W.	C.		W.	C.		W.	C.		W.	C.	
I.—Zymotic diseases.	M.	F.	M.	M.	F.	M.	M.	F.	M.	F.	M.	F.	M.	F.	M.	M.	F.	M.
II.—Constitutional diseases.	2	3	2	3	1	2	3	2	2	2	1	1	1	1	1	1	1	1
III.—Local diseases.	4	11	5	4	5	9	2	4	3	2	1	2	1	1	1	1	1	1
IV.—Developmental diseases.	18	17	10	17	19	5	7	16	10	6	7	9	3	1	2	4	1	2
V.—Violent deaths.	6	5	8	2	12	7	4	6	14	7	6	6	9	4	9	6	6	3
	1	2	1															
I.—Orders:																		
1.—Miasmatic diseases.	2	3	2	3	1	2												
2.—Enthetic or inoculated diseases.																		
3.—Dietic diseases.																		
4.—Parasitic diseases.																		
II.—Orders:																		
1.—Diathetic diseases.	4	3	3	1	5	1	4	1	2	2	1	1	1	1	1	1	1	1
2.—Tubercular diseases.	4	7	2	1	4	4	1											
III.—Orders:																		
1.—Diseases of nervous system.	3	3	1	5	7	2	3	4	5	2	2	3	2	1	1	1	1	1
2.—Diseases of circulatory system.	5	4	2	7	2	5	1	3	6	4	2	4	2	4	2	3	1	1
3.—Diseases of respiratory system.	3	5	6	3	3	6	1	3	6	4	2	4	2	4	2	3	1	1
4.—Diseases of digestive system.	4	3	1	2	4	1	1	3	1	2	1	1	1	1	1	1	1	1
5.—Diseases of urinary system.	3	1						2					1					
6.—Diseases of generative system.																		
7.—Locomotor (osseous) diseases.																		
8.—Locomotor (ligamentary) diseases.	1																	
IV.—Orders:																		
1.—Developmental diseases of children.																		
2.—Developmental diseases of women.																		
3.—Developmental diseases of age.	4	4	5	11	5	4	5	10	13	6	6	8	4	9	5	6	3	1
4.—Developmental diseases of nutrition.	2	1	3	2	1	2	1	4	1	1								
V.—Orders:																		
1.—Deaths from accidents and negligence.	1	2	1															
2.—Hemorrhagic deaths.																		
3.—Nutritional deaths.																		
Deaths from all causes.	31	34	36	37	36	33	37	33	35	33	35	34	31	34	32	31	32	33

TABLE No V—Continued.
RECAPITULATION BY CLASSES AND ORDERS.

Classes and orders.	NATIVITY.										RECAPITULATION.									
	District of Columbia.										Total by color and sex.									
	W.					C.					W.					C.				
	M.	F.	M.	F.	M.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Percentage by classes and orders to total mortality.
I.—Zymotic diseases.	236	206	900	900	40	50	58	36	34	17	990	973	958	936	548	563	494	548	509	1,057
1.—Constitutional diseases.	55	124	153	134	70	110	131	158	63	23	217	374	314	382	431	406	406	431	516	947
II.—Local diseases.	196	182	747	747	163	114	154	136	163	44	451	375	446	381	929	852	852	929	759	1,068
III.—Developmental diseases.	19	56	56	50	20	41	20	62	22	19	11	118	93	112	36	99	907	306	320	468
IV.—Violent deaths.	15	10	6	23	16	5	17	15	7	1	36	16	36	36	64	54	64	64	54	118
I.—Orders:	202	190	168	167	37	47	53	33	19	16	258	253	219	200	511	419	477	453	930	21,903
1.—Miasmatic diseases.	1	1	9	6	1	1	4	3	1	1	1	1	13	9	3	22	14	11	11	125
2.—Enthetic or inoculated diseases.	20	13	14	23	9	2	1	4	4	1	26	15	23	4	28	41	38	41	34	79
3.—Dietic diseases.	4	3	11	4	1	1	1	1	1	1	5	3	11	4	15	15	16	7	7	52
II.—Orders:	15	25	16	28	6	28	15	19	4	10	25	63	31	47	98	78	56	110	166	3,909
1.—Diathetic diseases.	70	67	77	96	64	63	106	139	58	22	182	171	183	215	363	418	373	406	781	18,304
2.—Tubercular diseases.	68	135	107	42	31	56	39	43	30	1	173	149	191	146	292	337	364	285	659	15,590
3.—Diseases of nervous system.	16	13	19	5	26	16	21	31	16	8	60	37	31	36	107	67	91	73	164	3,463
4.—Diseases of respiratory system.	64	46	113	115	46	47	53	41	29	16	140	109	172	156	250	328	313	265	574	13,613
5.—Diseases of digestive system.	28	19	14	30	12	17	18	21	15	1	73	55	36	32	128	68	104	88	106	4,116
6.—Diseases of urinary system.	3	2	4	2	12	3	6	6	12	1	27	11	10	8	38	18	37	19	56	1,319
7.—Diseases of generative system.	9	5	4	1	1	1	1	1	1	1	9	3	2	2	5	10	2	7	15	352
8.—Locomotor (osseous) diseases.	4	2	5	4	1	1	1	1	1	1	5	3	4	5	9	2	7	4	11	383
9.—Locomotor (integrity) diseases.	4	1	2	1	1	1	1	1	1	1	5	4	2	4	9	2	7	4	11	359
IV.—Orders:	57	45	53	42	14	14	1	22	1	6	57	45	54	42	101	86	111	97	194	4,683
1.—Developmental diseases of children.	5	5	6	6	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	5
2.—Developmental diseases of women.	1	7	1	1	23	23	30	33	16	11	40	41	7	10	4	63	71	75	107	1,246
3.—Developmental diseases of age.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4.—Developmental diseases of nutrition.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
V.—Orders:	15	7	8	30	13	5	15	15	6	1	34	13	24	35	47	59	58	48	106	2,496
1.—Deaths from accidents and negligence.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2.—Deaths from violence.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3.—Suicidal deaths.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Deaths from all causes.	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1

TABLE No. VI

EXHIBITS TOTAL MORTALITY IN CLASSES BY MONTHS, QUARTERS, AND FOR THE YEAR, SHOWING, BY SEX AND COLOR, THE AGE OF DECEASENTS, SOCIAL RELATIONS, NATIVITY, DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA, AND DURATION OF LAST SICKNESS ; ALSO, A GRAND AGGREGATION OF THE NUMBER OF DEATHS BY CLASSES, MONTHLY, QUARTERLY, AND ANNUAL.

YEAR ENDING SEPTEMBER 30, 1876.

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TABLE No. VI.

Class and month.	MORTALITY, BY CLASSES.																AGE OF DECEASED.																	
	Class I.				Class II.				Class III.				Class IV.				Class V.				Unknown deaths.				Under 1 month									
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
ZYMOTIC.																																		
October.....	17	20	16	18																														
November.....	17	13	15	5																														
December.....	10	12	13	6																														
January.....	6	18	7	7																														
February.....	17	11	8	8																														
March.....	11	6	9	9																														
April.....	6	4	7	9																														
May.....	14	10	8	6																														
June.....	69	51	50	49																														
July.....	50	52	56	49																														
August.....	41	43	42	35																														
September.....	32	33	27	35																														
Total for quarter ending December 31, 1875	41	45	44	39																														
Total for quarter ending March 31, 1876	34	35	24	24																														
Total for quarter ending June 30, 1876	89	65	65	64																														
Total for quarter ending September 30, 1876	123	128	125	119																														
CONSTITUTIONAL.																																		
October.....					12	30	22	24																										
November.....					17	20	11	23																										
December.....					13	13	16	20																										
January.....					31	22	11	18																										
February.....					24	19	24	33																										
March.....					21	15	21	21																										
April.....					21	18	23	20																										
May.....					9	21	14	17																										
June.....					28	20	18	22																										
July.....					16	26	28	31																										
August.....					9	23	12	29																										
September.....					16	17	20	20																										
Total for quarter ending December 31, 1875					12	33	19	21																										
Total for quarter ending March 31, 1876					26	26	20	22																										
Total for quarter ending June 30, 1876					51	55	53	53																										
Total for quarter ending September 30, 1876					41	46	40	40																										

TABLE No. VI—Continued.

AGE OF DEPENDENT.

Class and month.	1 to 4 months.						4 to 8 months.						8 to 12 months.						1 to 2 years.						2 to 3 years.						3 to 4 years.						4 to 5 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	M.	F.	E.	M.	F.	E.	M.	F.	E.	M.	F.	E.	M.	F.	E.	M.	F.	E.	M.	F.	E.	M.	F.	E.	M.	F.	E.	M.	F.	E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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October.....	2			1	1					3	2	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

TABLE No. VI—Continued.

Class and month.	AGE OF DECEDENT.																							
	Total under 5 years.				5 to 10 years.				10 to 15 years.				15 to 20 years.				20 to 25 years.				25 to 30 years.			
	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.
ZYMOTIC.																								
October.....	10	12	10	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
November.....	7	6	7	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December.....	6	7	10	5	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January.....	2	12	5	6	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February.....	11	7	6	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March.....	7	3	6	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April.....	5	3	6	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May.....	12	5	4	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June.....	61	43	47	43	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July.....	39	44	49	46	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August.....	27	20	36	29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September.....	23	20	18	26	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875.....	23	23	29	19	6	7	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876.....	26	23	17	22	3	7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending June 30, 1876.....	78	50	57	55	2	2	2	2	4	2	4	2	5	2	2	3	4	3	1	2	1	2	4	1
Total for quarter ending September 30, 1876.....	89	83	103	101	4	4	3	3	1	2	4	2	5	2	2	3	4	3	1	2	1	2	4	1
CONSTITUTIONAL.																								
October.....	1	3	11	8	1	2	1	1	1	1	1	1	3	1	1	1	3	4	2	1	2	3	1	2
November.....	1	1	7	5	9	9	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December.....	3	3	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January.....	2	2	4	3	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February.....	3	3	2	5	13	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March.....	4	4	8	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April.....	2	2	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May.....	1	1	1	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June.....	6	5	4	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July.....	4	7	8	13	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August.....	3	13	4	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September.....	3	4	8	8	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875.....	5	10	20	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876.....	3	4	13	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending June 30, 1876.....	10	9	17	17	2	2	2	2	3	2	3	2	5	2	2	3	4	3	2	2	2	2	2	2
Total for quarter ending September 30, 1876.....	10	9	20	27	4	4	3	3	1	2	3	2	6	2	2	3	4	3	2	2	2	2	2	2

TABLE No. VI.—Continued.

Class and month.	AGE OF DECEDENT.																	
	70 to 75 years.			75 to 80 years.			80 to 85 years.			85 to 90 years.			90 to 95 years.			95 to 100 years.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
ZYMOTIC.																		
October.....																		
November.....																		
December.....	1																	
January.....																		
February.....																		
March.....																		
April.....																		
May.....																		
June.....																		
July.....	1	2																
August.....	1																	
September.....																		
Total for quarter ending December 31, 1875	1																	
Total for quarter ending March 31, 1876																		
Total for quarter ending June 30, 1876																		
Total for quarter ending September 30, 1876	3	2																
CONSTITUTIONAL.																		
October.....																		
November.....																		
December.....	1																	
January.....	2																	
February.....																		
March.....	1																	
April.....	1	1																
May.....																		
June.....	1	2																
July.....	1	1																
August.....	1																	
September.....																		
Total for quarter ending December 31, 1875	1																	
Total for quarter ending March 31, 1876	3	1																
Total for quarter ending June 30, 1876																		
Total for quarter ending September 30, 1876	1	2																

TABLE No. VI.—Continued.

Class and month.	SOCIAL RELATIONS.										NATIVITY.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	Married.					Single.					Widow or widower.					Unknown.					District of Columbia.					Other parts of United States.					Foreign.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	W.		C.		M.	W.		C.		M.	W.		C.		M.	W.		C.		M.	W.		C.		M.	W.		C.		M.	W.		C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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October.....	2	3	2	2	15	16	14	14	—	—	—	—	—	—	14	13	14	10	3	2	2	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE No. VI—Continued.

DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA.

Class and month.	Under 1 month.						1 to 4 months.						4 to 8 months.						8 to 12 months.						1 to 2 years.						2 to 3 years.						3 to 4 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	W.			G.			W.			G.			W.			G.			W.			G.			W.			G.			W.			G.			W.			G.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.

TABLE No VI Continued.

DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA.

Class and month.	4 to 5 years.				5 to 10 years.				10 to 20 years.				20 to 30 years.				30 to 40 years.				40 to 50 years.				50 to 60 years.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ZYMOTIC.																												
October.....																												
November.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending June 30, 1876	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending September 30, 1876	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CONSTITUTIONAL.																												
October.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
November.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending June 30, 1876	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending September 30, 1876	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE No. VI—Continued.

Class and month.	DURATION OF RESIDENCE IN THE DIST. OF COLUMBIA.										DURATION OF LAST SICKNESS.																									
	60 to 70 years.					Above 70 years.					Unknown.					Under 1 day.					1 day to 1 week.					1 to 2 weeks.					2 to 3 weeks.					
	W.		C.		F.	W.		C.		F.	W.		C.		F.	W.		C.		F.	W.		C.		F.	W.		C.		F.						
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		
ZYMOTIC.																																				
October.....																																				
November.....																																				
December.....																																				
January.....	1																																			
February.....																																				
March.....																																				
April.....																																				
May.....																																				
June.....																																				
July.....																																				
August.....																																				
September.....	1																																			
Total for quarter ending December 31, 1875.....	1																																			
Total for quarter ending March 31, 1876.....																																				
Total for quarter ending June 30, 1876.....																																				
Total for quarter ending September 30, 1876.....	1																																			
CONSTITUTIONAL.																																				
October.....																																				
November.....																																				
December.....																																				
January.....	1																																			
February.....	1																																			
March.....																																				
April.....																																				
May.....																																				
June.....	1																																			
July.....																																				
August.....																																				
September.....																																				
Total for quarter ending December 31, 1875.....	1																																			
Total for quarter ending March 31, 1876.....																																				
Total for quarter ending June 30, 1876.....																																				
Total for quarter ending September 30, 1876.....																																				

TABLE No. VI.—(Continued.)

DURATION OF LAST ILLNESS.

Class and month.	3 weeks to 1 month.						1 to 2 months.						2 to 3 months.						3 to 4 months.						4 to 5 months.						5 to 6 months.						6 to 7 months.														
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.											
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.													
ZYMOTIC.																																																			
October.....	1	2			6	1	1	2	3	1	1	3																																							
November.....	1			1		1	2	2		1		2	1																																						
December.....				1				1				1		1																																					
January.....	2							1																																											
February.....	1	1		1	1	1	2	2	3	2	1		1																																						
March.....	1	1		1	1	1	1	1																																											
April.....	1	1		1	1	1	1	1	1																																										
May.....	1	1		1	1	1	2	3	4	2	3	1		1																																					
June.....	2	2		4	2	6	6	3	9	1	1	3	2	1																																					
July.....	9	4		4	2	6	7	9	4	5	8	3	1		1																																				
August.....	3	7		6	7	9	4	5	8	3	1		1	1																																					
September.....	4	2		4	8	3	2	1																																											
Total for quarter ending December 31, 1875	2	2		2	6	2	4	5	3	2	2	5	1																																						
Total for quarter ending March 31, 1876	2	2		1	2	3	3	3	4	1	1	1		1																																					
Total for quarter ending June 30, 1876	3	4		2	2	3	5	3	3	4				1																																					
Total for quarter ending September 30, 1876	16	13		14	17	18	12	9	17	6	5	4	5	2	1																																				
CONSTITUTIONAL.																																																			
October.....	1	1		1	2		4	6																																											
November.....																																																			
December.....				1			3	3	2	1	3	1		1																																					
January.....	1	2					3	3	2	4	2	1	3	6																																					
February.....	1	2					3	3	4	2	1	3	2																																						
March.....	1	1					3	3	3	4	5	1	1																																						
April.....	1	1					1	2																																											
May.....	1	1					1	1	2																																										
June.....	1	1					1	2	3	1	2		1	1																																					
July.....	2	1		4	2	3	5	4																																											
August.....	2	1		1			1	2	3	5	3		2	3	3																																				
September.....	2	1					3	1	4	1																																									
Total for quarter ending December 31, 1875	1	1		3	4		4	3	5	12	7	5	4	6																																					
Total for quarter ending March 31, 1876	1	3		2			7	7	8	10	11	3	4	11																																					
Total for quarter ending June 30, 1876	1	2		1	2		7	2	3	4	5	3	5	1																																					
Total for quarter ending September 30, 1876	1	3		5			6	6	9	8	5	11	6	7																																					

TABLE No. VI—Continued.

Class and month.	DURATION OF LAST SICKNESS.																											
	7 to 8 months.				8 to 9 months.				9 to 10 months.				10 to 11 months.				11 months to 1 year.				1 to 2 years.				2 to 3 years.			
	W.	C.	M.	F.	W.	C.	M.	F.	W.	C.	M.	F.	W.	C.	M.	F.	W.	C.	M.	F.	W.	C.	M.	F.	W.	C.	M.	F.
ZYMOTIC.																												
October																												
November				1																								
December				1																								
January																												
February																												
March																												
April																												
May																												
June																												
July																												
August																												
September																												
Total for quarter ending December 31, 1875	1	1																										
Total for quarter ending March 31, 1876																												
Total for quarter ending June 30, 1876	2	2																										
Total for quarter ending September 30, 1876																												
CONSTITUTIONAL.																												
October	1			2																								
November	1			2																								
December	1			1																								
January	2																											
February				1																								
March																												
April	1			2																								
May	2																											
June				1																								
July	1			2																								
August	1			1																								
September																												
Total for quarter ending December 31, 1875	1	3		1	2																							
Total for quarter ending March 31, 1876	2	3		1	1																							
Total for quarter ending June 30, 1876	1	3		1	1																							
Total for quarter ending September 30, 1876																												

TABLE No. VI Continued.

DURATION OF LAST SICKNESS.

RECAPITULATION.

Class and month.

3 to 4 years. 4 to 5 years. Above 5 years. Unknown.

Total by color and sex.

Total—

ZYMOTIC.	W.		C.		W.		C.		W.		C.		W.		C.		By color.		By sex.						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	W.	C.	M.	F.					
October.....																	17	20	16	18	37	34	33	38	
November.....																	17	13	15	5	30	20	32	18	
December.....																	10	12	13	6	22	19	23	18	
January.....																	6	18	7	7	24	14	13	35	
February.....																	17	11	8	8	28	16	25	19	
March.....																	11	6	9	9	17	18	20	15	
April.....																	6	4	7	9	10	16	13	35	
May.....																	14	10	8	6	24	14	22	16	
June.....																	9	51	50	49	120	99	119	100	
July.....																	50	52	56	49	102	105	106	101	
August.....																	41	43	42	35	84	77	83	78	
September.....																	32	33	27	35	65	62	59	68	
Total for quarter ending December 31, 1875.																	44	45	44	29	89	73	84	74	
Total for quarter ending March 31, 1876.																	25	24	24	24	69	48	58	59	
Total for quarter ending June 30, 1876.																	89	65	65	64	154	129	154	129	
Total for quarter ending September 30, 1876.																	123	128	125	119	251	244	248	247	
CONSTITUTIONAL.																									
October.....																	12	20	22	26	32	50	34	48	
November.....																	17	20	11	23	37	34	28	33	
December.....																	13	13	16	30	26	36	29	33	
January.....																	31	22	11	18	53	29	42	40	
February.....																	24	19	24	33	43	57	48	52	
March.....																	21	15	15	21	36	36	36	36	
April.....																	21	18	23	30	39	43	44	38	
May.....																	9	21	14	17	30	31	23	38	
June.....																	28	20	18	22	46	40	46	46	
July.....																	16	26	28	31	42	59	44	57	
August.....																	9	23	12	29	32	41	52	73	
September.....																	16	17	20	20	33	40	36	37	
Total for quarter ending December 31, 1875.																	42	53	49	71	95	120	91	124	
Total for quarter ending March 31, 1876.																	76	56	50	72	132	122	126	124	
Total for quarter ending June 30, 1876.																	58	59	55	59	117	114	113	118	
Total for quarter ending September 30, 1876.																	41	66	60	80	107	140	101	146	

TABLE No. VI.—Continued.

Class and month.	MORTALITY, BY CLASSES.																		AGE OF DECE- DENT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Class I.						Class II.						Class III.						Class IV.						Class V.						Unknown deaths.						Under 1 month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.					W.			C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.

TABLE No. VI Continued.

AGE OF DEPENDENT.

Class and month.	1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	M.	F.	M.	M.	F.	M.
LOCAL.																					
October.....	1	3	1	1	1	1	1	3	1	3	1	3	1	3	1	1	1	1	1	1	1
November.....	1	2	1	2	2	2	2	5	3	3	1	2	1	2	1	1	1	1	1	1	1
December.....	2	5	2	6	1	1	1	5	3	3	1	6	5	2	1	1	1	1	1	1	1
January.....	2	2	3	4	3	3	5	1	6	3	6	5	3	1	1	1	1	1	1	1	1
February.....	3	4	5	2	3	3	11	4	1	2	2	2	3	4	2	1	2	2	2	2	2
March.....	1	4	2	3	3	3	5	2	1	2	6	1	4	5	3	1	2	4	2	1	1
April.....	2	1	2	4	2	2	5	4	1	4	4	1	4	2	7	8	1	1	1	1	1
May.....	4	3	5	1	2	1	5	6	1	3	5	1	2	4	6	1	1	1	1	1	1
June.....	4	2	2	4	3	7	1	1	4	5	3	3	4	2	5	3	4	1	1	1	1
July.....	1	1	3	2	4	3	7	1	3	4	5	3	4	1	1	1	1	1	1	1	1
August.....	1	1	3	3	2	3	2	2	2	1	3	3	3	2	2	1	1	1	1	1	1
September.....	1	1	3	3	2	3	2	2	2	1	3	3	3	2	2	1	1	1	1	1	1
Total for quarter ending December 31, 1875.	2	3	4	6	3	3	6	4	5	6	6	12	15	4	3	2	8	1	3	1	1
Total for quarter ending March 31, 1876.	7	9	10	12	7	5	24	10	1	3	10	5	10	7	11	17	6	4	6	4	4
Total for quarter ending June 30, 1876.	7	8	9	8	7	3	15	12	4	5	15	6	6	8	15	10	2	4	7	1	1
Total for quarter ending September 30, 1876.	2	4	8	7	10	13	1	4	10	12	8	8	7	6	13	10	1	1	6	4	1
DEVELOPMENTAL.																					
October.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
November.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875.	9	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876.	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending June 30, 1876.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending September 30, 1876.	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE No. VI—Continued.

Class and month.	AGE OF DECEDENT.																							
	Total under 5 years.				5 to 10 years.				10 to 15 years.				15 to 20 years.				20 to 25 years.				25 to 30 years.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
LOCAL.																								
October.....	7	11	27	15	1	3	1	3	1	1	1	1	3	1	1	2	2	2	1	1	1	1	1	2
November.....	6	8	12	24	2	3	2	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December.....	10	5	22	17	2	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January.....	8	10	24	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February.....	16	6	20	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March.....	18	22	35	19	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April.....	11	10	28	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May.....	9	10	20	26	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June.....	10	14	29	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July.....	18	22	19	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August.....	20	18	18	18	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September.....	11	10	19	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875.....	23	34	61	56	3	6	8	2	1	2	1	1	1	3	1	1	4	3	2	2	6	5	3	5
Total for quarter ending March 31, 1876.....	42	38	79	61	4	4	4	3	3	2	1	1	1	2	5	4	6	6	1	6	8	1	6	4
Total for quarter ending June 30, 1876.....	30	34	78	65	5	3	1	2	2	1	1	1	2	1	1	2	2	1	3	1	2	3	3	4
Total for quarter ending September 30, 1876.....	49	50	56	53	7	3	3	1	3	1	1	1	3	4	1	1	3	6	5	5	5	2	10	4
DEVELOPMENTAL.																								
October.....	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
November.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
December.....	2	4	9	9	2	4	9	9	2	4	9	9	2	4	9	9	2	4	9	9	2	4	9	9
January.....	4	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
February.....	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
March.....	6	3	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April.....	4	3	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May.....	7	9	3	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June.....	8	13	7	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July.....	6	4	4	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August.....	5	5	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September.....	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875.....	9	9	15	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876.....	13	8	10	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending June 30, 1876.....	13	14	10	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending September 30, 1876.....	16	10	13	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE No. VI.—Continued.

AGE OF DECEDENT.

Class and month.

Class and month.	AGE OF DECEDENT.											
	35 to 40 years.			40 to 45 years.			45 to 50 years.			50 to 55 years.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
LOCAL.												
October.....	1	3	2	1	1	1	1	1	1	2	1	1
November.....	5	4	3	1	1	1	1	1	1	1	1	1
December.....	4	3	1	1	1	1	1	1	1	1	1	1
January.....	3	4	1	1	1	1	1	1	1	1	1	1
February.....	1	4	1	1	1	1	1	1	1	1	1	1
March.....	4	5	2	1	1	1	1	1	1	1	1	1
April.....	3	3	1	1	1	1	1	1	1	1	1	1
May.....	5	1	1	1	1	1	1	1	1	1	1	1
June.....	1	1	1	1	1	1	1	1	1	1	1	1
July.....	7	4	1	1	1	1	1	1	1	1	1	1
August.....	3	1	1	1	1	1	1	1	1	1	1	1
September.....	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875.	10	1	6	2	5	2	2	2	2	2	2	2
Total for quarter ending March 31, 1876.	8	9	7	2	7	4	2	2	2	2	2	2
Total for quarter ending June 30, 1876.	6	4	7	4	5	8	1	3	3	2	5	3
Total for quarter ending September 30, 1876.	11	5	1	3	8	..	3	2	4	1	5	6
DEVELOPMENTAL.												
October.....	1	1	1	1	1	1	1	1	1	1	1	1
November.....	1	1	1	1	1	1	1	1	1	1	1	1
December.....	1	1	1	1	1	1	1	1	1	1	1	1
January.....	1	1	1	1	1	1	1	1	1	1	1	1
February.....	1	1	1	1	1	1	1	1	1	1	1	1
March.....	1	1	1	1	1	1	1	1	1	1	1	1
April.....	1	1	1	1	1	1	1	1	1	1	1	1
May.....	1	1	1	1	1	1	1	1	1	1	1	1
June.....	2	1	1	1	1	1	1	1	1	1	1	1
July.....	2	1	1	1	1	1	1	1	1	1	1	1
August.....	1	1	1	1	1	1	1	1	1	1	1	1
September.....	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875.	1	2	2	1	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876.	2	2	1	1	1	1	1	1	1	1	1	1
Total for quarter ending June 30, 1876.	3	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending September 30, 1876.	1	1	1	1	1	1	1	1	1	1	1	1

TABLE No. VI—Continued.

Class and month.	AGE OF DECEDENT.																							
	70 to 75 years.						75 to 80 years.						80 to 85 years.						85 to 90 years.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
LOCAL.																								
October	1	3	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
November	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875	3	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total for quarter ending March 31, 1876	3	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total for quarter ending June 30, 1876	3	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total for quarter ending September 30, 1876	3	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
DEVELOPMENTAL.																								
October	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
November	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875	3	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total for quarter ending March 31, 1876	3	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total for quarter ending June 30, 1876	3	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total for quarter ending September 30, 1876	3	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

TABLE No. VI Continued.

Class and month.	SOCIAL RELATIONS.										NATIVITY.																											
	Married.					Single.					Widow or widower.					Unknown.					District of Columbia.					Other parts of United States.					Foreign.							
	W.		C.			W.		C.			W.		C.			W.		C.			W.		C.			W.		C.			W.		C.					
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
LOCAL.																																						
October.....	8	4	8	3	19	19	32	18	4	6	1	4	...	...	...	...	...	...	...	...	10	15	30	16	8	8	11	9	4	4	6	...	...	...	...	...	...
November.....	14	4	5	4	16	12	19	30	6	9	...	...	...	...	...	...	...	...	...	...	8	14	17	27	16	10	7	13	13	1	...	...	...	...	...	...	...
December.....	16	9	6	2	30	15	32	16	9	8	2	4	...	...	...	...	...	...	...	...	16	11	22	18	15	13	20	4	14	9	...	...	...	...	...	...	...
January.....	10	9	11	3	16	13	27	24	3	6	...	...	...	...	...	...	...	...	...	...	1	16	25	22	15	9	14	15	6	4	...	...	...	...	...	...	...
February.....	11	6	13	4	25	10	25	27	4	5	2	4	...	...	...	...	...	...	...	...	9	23	23	12	10	17	12	9	2	...	...	...	...	...	...	...	...
March.....	31	11	8	5	35	30	43	34	4	11	3	3	...	...	...	...	...	...	...	...	20	23	31	19	25	22	23	14	11	8	...	...	...	...	...	...	...
April.....	22	11	7	5	13	12	32	25	3	12	4	4	...	...	...	...	...	...	...	...	14	15	30	21	14	9	14	13	14	13	...	...	...	...	...	...	...
May.....	12	6	10	6	15	14	23	23	2	9	2	3	15	17	32	26	10	4	7	12	11	7	5	1
June.....	11	1	3	5	12	19	32	21	...	6	1	...	...	...	...	...	...	...	...	...	11	17	31	20	9	4	4	12	4	2	...	...	...	...	...	...	...
July.....	31	10	6	6	37	29	24	24	5	6	1	7	...	...	...	...	...	...	...	...	1	30	27	21	24	19	10	14	20	8	1	...	...	...	...	...	...
August.....	13	4	7	3	31	18	23	19	4	1	...	...	...	...	...	...	...	...	...	...	1	24	18	21	16	13	4	9	10	11	1	...	...	...	...	...	...
September.....	9	9	11	3	16	13	20	17	3	6	...	...	...	...	...	...	...	...	...	...	13	15	18	16	8	13	9	10	5	...	...	...	...	...	...	...	...
DEVELOPMENTAL.																																						
October.....	2	1	3	2	5	3	3	3	4	3	5	0	...	...	...	...	...	...	...	...	5	4	3	5	4	2	1	8	1	4	...	...	...	...	...	...	...
November.....	2	1	3	2	2	3	3	6	...	...	...	...	...	...	...	...	...	...	...	...	1	2	6	10	2	2	3	6	4	3	2	...	...	...	...	...	...
December.....	2	3	4	...	2	5	10	2	1	2	2	3	...	...	...	...	...	...	...	...	1	5	3	3	3	5	2	6	7	4	2	...	...	...	...	...	...
January.....	1	3	...	1	6	3	3	5	1	4	2	3	...	...	...	...	...	...	...	...	7	4	9	2	3	2	8	7	3	2	...	...	...	...	...	...	...
February.....	4	9	...	2	3	3	4	3	2	1	2	2	...	...	...	...	...	...	...	...	7	4	9	2	3	2	8	7	3	2	...	...	...	...	...	...	...
March.....	5	1	2	5	6	4	10	2	2	3	5	2	...	...	...	...	...	...	...	...	7	4	9	2	3	2	8	7	3	2	...	...	...	...	...	...	...
April.....	1	1	...	1	4	4	...	6	...	2	1	3	...	...	...	...	...	...	...	...	7	4	4	...	5	1	2	1	5	1	...	...	...	...	...	...	...
May.....	...	4	...	2	7	2	3	8	5	3	1	1	...	...	...	...	...	...	...	...	7	3	3	7	1	5	1	4	4	1	...	...	...	...	...	...	...
June.....	...	6	4	2	8	13	8	5	1	1	4	3	...	...	...	...	...	...	...	...	8	16	9	6	2	5	7	4	6	2	3	...	...	...	...	...	...
July.....	3	5	2	2	6	7	4	12	4	5	2	3	1	...	...	...	...	...	...	...	6	6	4	11	5	9	4	6	2	3	...	...	...	...	...	...	...
August.....	1	1	...	2	5	5	4	...	5	2	3	1	...	...	...	...	...	...	...	...	5	6	4	...	4	1	2	2	2	...	...	...	...	...	...	...
September.....	1	1	...	2	3	5	5	1	1	4	...	...	...	...	...	...	...	...	...	...	5	1	5	...	2	4	1	3	2	2	3	...	...	...	...	...	...
Total for quarter ending December 31, 1875.																																						
Total for quarter ending March 31, 1876.																																						
Total for quarter ending June 30, 1876.																																						
Total for quarter ending September 30, 1876.																																						

TABLE No. VI—Continued.

DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA.

[illegible]

TABLE No VI (continued).

DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA.

[illegible]

TABLE No. VI—Continued.

[illegible]

TABLE No. VI—Continued.

Class and month.		DURATION OF LAST SICKNESS.																							
		7 to 8 months.						8 to 9 months.						9 to 10 months.						10 to 11 months.					
		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
LOCAL.																									
October.....	1																								
November.....	1																								
December.....																									
January.....	1																								
February.....	1																								
March.....																									
April.....																									
May.....																									
June.....	1																								
July.....	1																								
August.....	1																								
September.....	1																								
Total for quarter ending December 31, 1875	1																								
Total for quarter ending March 31, 1876	2																								
Total for quarter ending June 30, 1876	1																								
Total for quarter ending September 30, 1876	1																								
DEVELOPMENTAL.																									
October.....																									
November.....																									
December.....	1																								
January.....																									
February.....																									
March.....																									
April.....																									
May.....																									
June.....																									
July.....																									
August.....																									
September.....																									
Total for quarter ending December 31, 1875	1																								
Total for quarter ending March 31, 1876																									
Total for quarter ending June 30, 1876																									
Total for quarter ending September 30, 1876																									

TABLE No. VI—Continued.

TABLE No. VI—Continued.																													
Class and month.	MORTALITY, BY CLASSES.																AGE OF DECE- DENT.												
	Class I.				Class II.				Class III.				Class IV.					Class V.				Unknown deaths.							
	W.		C.		W.		C.		W.		C.		W.		C.			W.		C.		W.		C.					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.				
VIOLENCE.																													
October																													
November																													
December																													
January																													
February																													
March																													
April																													
May																													
June																													
July																													
August																													
September																													
Total for quarter ending December 31, 1875.																													
Total for quarter ending March 31, 1876.																													
Total for quarter ending June 30, 1876.																													
Total for quarter ending September 30, 1876.																													
Grand total zymotic	290	473	258	246																									
Grand total constitutional																													
Grand total local																													
Grand total developmental																													
Grand total violence																													
RECAPITULATION.																													
October	17	20	16	18	12	19	20	22	28	22	29	41	25	10	10	4	13	3	4	2	1					5	8	21	6
November	17	13	15	5	17	20	11	23	37	25	24	40	4	6	6	10	3	1	7							33	26	71	54
December	10	12	13	6	13	13	16	20	45	33	42	22	7	10	16	6	2	3	3	2						48	38	46	39
Total for quarter ending December 31, 1875.	44	45	44	29	42	53	49	71	104	87	107	87	31	26	26	29	8	7	6	10						11	18	45	19
January	6	14	7	7	31	29	11	18	32	29	29	37	9	10	5	10	3		1	2						6	5	10	7
February	17	11	8	8	24	19	24	33	41	21	40	35	9	6	4	7	9	4	1	2						33	26	71	54
March	11	6	9	9	31	15	15	21	60	53	54	39	13	4	17	9	4	1	1	5						11	4	17	7
Total for quarter ending March 31, 1876.	34	35	34	34	94	76	56	74	133	104	133	105	34	34	30	36	7	1	3	9						32	13	34	32

TABLE No. VI—Continued.

Class and month.	AGE OF DECEASED.																				
	1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	W.	C.	M.	W.	C.	M.	W.	C.	M.	W.	C.	M.	W.	C.	M.	W.	C.	M.	W.	C.	
VIOLENCE.																					
October.....																					
November.....																					
December.....																					
January.....	1			1																	
February.....																					
March.....																					
April.....																					
May.....																					
June.....																					
July.....																					
August.....																					
September.....																					
Total for quarter ending December 31, 1875.....																					
Total for quarter ending March 31, 1876.....	1			1																	
Total for quarter ending June 30, 1876.....																					
Total for quarter ending September 30, 1876.....																					
Grand total zymotic.....	35	40	37	46	44	35	47	34	33	27	33	37	50	47	39	48	13	12	17	11	
Grand total constitutional.....	4	6	11	7	7	8	12	6	3	11	8	12	9	11	27	25	5	4	14	2	
Grand total local.....	18	24	31	33	27	24	46	34	19	20	41	25	29	27	51	52	11	10	18	23	
Grand total development.....	7	5	7	2	2	2	1	1	3												
Grand total violence.....	1																				
RECAPITULATION.																					
October.....	5	1	8	3	1	4	3	3	1												
November.....	3	1	5	1	2	3	7	3	2	3	6	7	8	14	2	3	2	3	2	1	
December.....	3	2	6	3	3	1	6	4	2												
Total for quarter ending December 31, 1875.....	8	6	15	11	5	7	12	14	6	2	14	12	17	20	26	27	10	9	7	15	
January.....	4	5	2	7	2	2	7	1													
February.....	6	2	6	8	4	2	9	3	4	9	4	5	14	3	2	4	1	3	2	1	
March.....	5	4	8	3	4	3	15	6	2	3	2	3	7	4	8	11	3	5	6	2	
Total for quarter ending March 31, 1876.....	15	11	16	18	10	7	30	15	4	6	11	12	20	13	20	33	7	8	13	8	

TABLE No. VI.—Continued.

Class and month.	AGE OF DECEDENT.																	
	Total under 5 years.			5 to 10 years.			10 to 15 years.			15 to 20 years.			20 to 25 years.			25 to 30 years.		
	W.	F.	C.	W.	F.	C.	W.	F.	C.	W.	F.	C.	W.	F.	C.	W.	F.	C.
VIOLENCE.																		
October.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
November.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
December.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
January.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
February.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
March.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
April.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
May.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending June 30, 1876.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending September 30, 1876.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand total syphilo.....	210	188	206	197	15	20	12	6	5	10	1	6	7	6	7	6	3	7
Grand total total.....	33	46	69	80	1	9	15	3	8	8	8	7	13	14	31	19	13	23
Grand total total.....	144	146	274	285	19	12	13	9	6	5	5	1	10	14	16	16	11	14
Grand total developmental.....	57	45	54	62	5	5	5	1	3	4	2	1	3	5	1	8	10	12
Grand total violence.....	8	9	4	19	2	2	2	2	2	2	2	2	2	2	2	2	2	2
RECAPITULATION.																		
October.....	33	29	53	36	4	6	2	1	2	2	3	2	4	3	7	2	4	5
November.....	16	23	27	41	4	3	6	6	4	1	1	2	4	2	4	3	2	6
December.....	22	18	46	28	2	4	6	6	1	1	1	2	5	3	2	5	2	6
Total for quarter ending December 31, 1875.	61	70	126	105	10	13	14	7	3	6	1	9	5	6	5	11	7	11
January.....	18	24	36	34	3	3	2	4	1	1	1	1	1	1	1	1	1	1
February.....	33	18	34	47	2	3	4	5	2	5	1	1	1	1	1	1	1	1
March.....	35	24	59	37	2	1	3	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876.	86	76	129	114	7	7	9	10	4	7	4	3	9	4	9	13	10	17

TABLE No. VI - Continued.

AGE OF DECEDENT.

Class and month.	35 to 40 years.						40 to 45 years.						45 to 50 years.						50 to 55 years.						55 to 60 years.						60 to 65 years.						65 to 70 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.

TABLE No. VI—Continued.

Class and month.	AGE OF DECEDENT.																	
	70 to 75 years.			75 to 80 years.			80 to 85 years.			85 to 90 years.			90 to 95 years.			95 to 100 years.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
VIOLENCE.																		
October																		
November																		
December																		
January																		
February																		
March																		
April																		
May																		
June																		
July																		
August																		
September																		
Total for quarter ending December 31, 1875																		
Total for quarter ending March 31, 1876																		
Total for quarter ending June 30, 1876																		
Total for quarter ending September 30, 1876																		
Grand total syphilitic	3	1	3	8	2	1	1	3	1	1	1	1	1	1	1	1	1	1
Grand total constitutional	5	6	8	4	3	8	2	1	9	3	1	2	4	1	1	1	1	1
Grand total local	17	19	5	7	16	10	6	7	7	9	3	1	9	1	1	1	1	1
Grand total developmental	13	7	4	6	14	14	7	6	9	4	9	6	6	3	1	2	1	3
Grand total violence																		
RECAPITULATION.																		
October	1	3	1	2	2	2	1	1	2	2	1	2	1	1	1	1	1	1
November	2	2	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1
December	2	3	1	1	4	3	1	1	2	2	1	1	1	1	1	1	1	1
Total for quarter ending December 31, 1875.	5	6	3	3	6	6	4	3	3	4	3	3	3	3	3	3	3	3
January	3	3	2	2	3	1	2	1	3	3	2	1	1	1	1	1	1	1
February	2	2	2	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
March	6	5	1	2	4	2	1	1	2	3	1	1	1	1	1	1	1	1
Total for quarter ending March 31, 1876	11	10	5	5	9	6	3	4	6	4	5	3	3	3	3	3	3	3

TABLE No. VI—Continued.

Class and month.	SOCIAL RELATIONS.										NATIVITY.																									
	Married.					Single.					Widow or wid- ower.					Unknown.					District of Co- lumbia.					Other parts of United States.					Foreign.					
	W.		C.			W.		C.			W.		C.			W.		C.			W.		C.			W.		C.			W.		C.			
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		
VIOLENCE.																																				
October.....	1	1	2	1	3	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
November.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
December.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
January.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
February.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
March.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
April.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
May.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
June.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
July.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
August.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
September.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Total for quarter ending December 31, 1875	4	1	3	3	3	5	2	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Total for quarter ending March 31, 1876	1	1	1	1	1	6	1	2	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Total for quarter ending June 30, 1876	2	1	2	1	2	7	4	4	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Total for quarter ending September 30, 1876	4	1	2	2	2	10	2	6	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Grand total symptomatic	33	20	7	253	235	232	220	2	12	4	7	3	3	3	3	3	2	206	200	200	40	50	58	36	24	17	120	159	62	24	17	120	159	62	24	
Grand total constitutional	90	87	73	79	105	95	129	164	17	51	11	39	5	1	2	85	92	93	124	70	110	121	158	62	32	2	110	121	158	62	32	2	110	121		
Grand total local	68	64	95	49	246	204	332	273	47	82	15	57	20	5	6	5	196	107	292	248	162	114	154	136	123	64	2	114	154	136	123	64	2	114		
Grand total developmental	92	27	18	24	59	54	57	54	25	34	20	32	5	3	2	59	58	56	50	30	41	39	69	92	19	1	41	39	69	92	19	1	41	39		
Grand total violence	11	3	8	7	26	12	16	29	1	1	2	1	1	1	1	15	10	8	23	16	5	17	15	7	1	1	5	17	15	7	1	5	17			
RECAPITULATION.																																				
October.....	30	30	15	36	59	62	50	7	13	2	20	1	1	1	1	34	41	61	43	21	25	24	42	9	17	25	24	42	9	17	25	24	42	9		
November.....	30	11	16	14	34	35	38	39	12	19	2	12	2	1	1	24	36	35	53	39	34	22	32	25	5	1	24	36	35	53	39	34	22	32		
December.....	29	21	15	7	35	35	66	39	10	13	6	9	3	1	3	33	32	43	33	21	34	42	23	23	14	1	34	42	23	23	14	1	34	42		
Total for quarter ending December 31, 1875.	79	52	51	36	105	120	166	148	29	45	10	41	6	1	5	1	91	109	144	129	71	73	88	97	57	36	71	73	88	97	57	36	71	73		
January.....	25	23	17	10	43	34	43	47	8	21	2	14	5	1	1	3	32	41	36	41	30	25	27	33	19	13	30	25	27	33	19	13	30	25		
February.....	29	17	13	54	65	7	9	3	7	1	1	1	1	1	1	46	36	37	56	29	37	40	35	16	4	37	40	35	16	4	37	40	35			
March.....	34	18	13	19	65	44	75	47	9	20	8	10	1	1	1	1	46	36	55	42	37	35	41	35	26	12	35	41	35	26	12	35	41			
Total for quarter ending March 31, 1876.....	88	58	50	42	162	108	172	159	24	50	13	31	7	3	1	4	124	103	128	139	96	87	108	97	61	29	96	87	108	97	61	29	96	87		

TABLE No. VI—Continued.

DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA.

Class and month.	Under 1 month.						1 to 4 months.						4 to 8 months.						8 to 12 months.						1 to 2 years.						2 to 3 years.						3 to 4 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.

DURATION OF URREDENCE IN THE DISTRICT OF COLUMBIA.

Class and month.

VIOLENCE.

RECAPITULATION:

TABLE No. VI.—Continued.
DURATION OF LATE SICKNESS.

Class and month.	3 weeks to 1 month.						1 to 3 months.						3 to 4 months.						4 to 5 months.						5 to 6 months.						6 to 7 months.					
	W.		C.		M. F.		W.		C.		M. F.		W.		C.		M. F.		W.		C.		M. F.		W.		C.		M. F.		W.		C.			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
VIOLENCE.																																				
October.....																																				
November.....																																				
December.....																																				
January.....																																				
February.....																																				
March.....																																				
April.....																																				
May.....																																				
June.....																																				
July.....																																				
August.....																																				
September.....																																				
Total for quarter ending December 31, 1875	1																																			
Total for quarter ending March 31, 1876	1																																			
Total for quarter ending June 30, 1876																																				
Total for quarter ending September 30, 1876																																				
Grand total zymotic.....	23	23	19	27	26	24	30	27	13	8	11	10	3	4	6	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
Grand total constitutional.....	9	8	11	6	25	18	25	34	28	22	19	27	12	10	18	26	2	4	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
Grand total local.....	16	15	20	23	30	26	33	18	14	15	13	8	7	3	4	12	6	4	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1			
Grand total developmental.....	2	3	4	3	12	9	4	2	3	3	1	5	1	2	4	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3			
Grand total violence.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
RECAPITULATION.																																				
October.....	2	4	4	10	4	7	8	10	4	2	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
November.....	4	4	6	5	4	7	3	4	6	2	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
December.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Total for quarter ending December 31, 1875.	7	5	11	15	16	17	15	20	14	9	11	10	6	2	3	15	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4		
January.....	1	3	4	4	7	10	5	6	7	5	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
February.....	5	5	5	5	7	7	5	9	7	4	2	5	7	4	2	5	7	4	2	5	7	4	2	5	7	4	2	5	7	4	2	5	7			
March.....	6	6	3	4	8	6	6	9	8	2	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Total for quarter ending March 31, 1876.....	12	14	13	13	23	21	20	22	19	9	8	15	1	2	4	9	6	4	5	7	8	7	8	12	2	2	1	3	2	2	2	2	2			

TABLE No. VI.—Continued.

Class and month.	DURATION OF LAST SICKNESS.																	
	7 to 8 months.			8 to 9 months.			9 to 10 months.			10 to 11 months.			11 months to 1 year.			1 to 2 years.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
VIOLENCE.																		
October.....																		
November.....																		
December.....																		
January.....																		
February.....																		
March.....																		
April.....																		
May.....																		
June.....																		
July.....																		
August.....																		
September.....																		
Total for quarter ending December 31, 1875																		
Total for quarter ending March 31, 1876																		
Total for quarter ending June 30, 1876																		
Total for quarter ending September 30, 1876																		
Grand total syphilitic	4	1	2	3	3	1	5	5	1	1	1	1	1	2	2	1	1	1
Grand total constitutional	6	7	6	12	3	3	7	6	5	6	1	4	34	22	30	29	14	17
Grand total local	4	2	3	1	2	1	2	1	2	1	1	1	6	4	7	10	4	5
Grand total developmental	1												4	5	3	7	5	2
Grand total violence																		
RECAPITULATION.																		
October.....	2	1	2				2		1			1	4	2	2	2	1	1
November.....	2	1	2				1	1	1			2	4	3	3	5	1	2
December.....	1	2	1				2	2				2	2	1	4	2	1	2
January.....																		
February.....																		
March.....																		
Total for quarter ending December 31, 1875	3	5	2	4			2	2	3	4	2	2	5	8	12	11	5	9
January.....																		
February.....																		
March.....																		
Total for quarter ending March 31, 1876	4	1	1	4	4	1	3	4	4	1	1	1	0	11	6	10	4	4

TABLE No. VI.—Continued.

Class and month.	DURATION OF LAST SICKNESS.												RECAPITULATION.																											
	3 to 4 years.						4 to 5 years.						Above 5 years.						Unknown.						Total by color and sex.						Total—									
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			By color.			By sex.			By age.			
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.					
VIOLENCE.																																								
October.....																																								
November.....																																								
December.....																																								
January.....																																								
February.....																																								
March.....																																								
April.....																																								
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September.....																																								
Total for quarter ending December 31, 1875.....																																								
Total for quarter ending March 31, 1876.....																																								
Total for quarter ending June 30, 1876.....																																								
Total for quarter ending September 30, 1876.....																																								
Grand total sympto.....	5	9	1	1	3	4							2	1																										
Grand total constitutional.....	3	2	3	1									6	5																										
Grand total local.....	3	2	3	1									6	5																										
Grand total developmental.....	1												1																											
Grand total violence.....																																								
RECAPITULATION.																																								
October.....																																								
November.....																																								
December.....																																								
Total for quarter ending December 31, 1875.....	5	1											2	1																										
January.....																																								
February.....																																								
March.....																																								
Total for quarter ending March 31, 1876.....	2	3	2										2	2	2	6	3	3	2	2	5	13	11		281	239	236	336	500	478	517	455								

TABLE No. VI—Continued.

Class and month,	MORTALITY, BY CLASSES.																AGE OF DECE- DENT.									
	Class I.				Class II.				Class III.				Class IV.						Class V.				Unknown deaths.			
	W.		C.		W.		C.		W.		O.		W.		C.				W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			M.	F.	M.	F.	M.	F.	M.	F.
	RECAPITULATION.																									
April																										
May																										
June																										
Total for quarter ending June 30, 1876																										
July																										
August																										
September																										
Total for quarter ending September 30, 1876																										
Grand total by sex																										
Grand total by color																										
Grand total both colors																										

TABLE No. VI.—Continued.

AGE OF DECEDENT.

Class and month.	1 to 4 months.			4 to 8 months.			8 to 12 months.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.		
	C.			W.			C.			W.			C.			W.			C.		
	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.
RECAPITULATION.																					
April.....	1	7	4	3	6	4	3	1	8	9	4	2	10	8	2	9	3	4	4	4	1
May.....	2	4	3	6	4	5	5	4	9	4	2	3	4	1	2	9	3	4	1	2	1
June.....	23	20	19	17	25	12	17	14	10	12	16	11	11	12	15	6	1	3	7	1	1
Total for quarter ending June 30, 1876.....	26	31	26	22	34	16	28	23	17	15	28	19	17	17	29	15	4	5	9	15	2
July.....	6	12	12	21	14	23	20	13	15	12	16	18	17	11	14	14	1	1	4	2	1
August.....	7	9	8	6	12	13	13	11	8	17	9	11	11	13	14	16	6	3	7	4	1
September.....	3	6	9	4	7	3	3	4	5	7	4	2	6	12	14	21	3	1	5	5	1
Total for quarter ending September 30, 1876.....	16	27	29	31	33	39	36	27	28	36	29	31	34	36	42	51	10	5	16	11	4
Grand total by sex.....	65	75	86	88	92	69	106	78	55	59	83	74	88	86	117	126	31	27	45	49	14
Grand total by color.....	140	174	151	184	114	156	174	243	58	94	30	44	14	16	20	94	11	13	6	13	19
Grand total both colors.....	314	335	270	417	159	74	43														

TABLE No. VI—Continued.

Class and month.	AGE OF DECEDENT.																							
	Total under 5 years.				5 to 10 years.				10 to 15 years.				15 to 20 years.				20 to 25 years.				25 to 30 years.			
	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.
RECAPITULATION.																								
April	22	18	39	38	2	...	4	3	1	...	1	9	4	...	1	5	3	1	3	8	2	3	2	3
May	30	20	32	43	3	2	1	2	1	3	1	...	1	3	1	8	...	4	3	2	...	5	3	4
June	85	76	89	73	4	3	1	3	1	...	3	...	2	3	2	4	5	2	1	4	5	7	6	2
Total for quarter ending June 30, 1876	137	114	159	154	9	5	6	8	3	3	5	2	3	10	4	17	8	7	7	14	7	15	11	9
July	69	78	81	91	6	4	3	2	3	1	1	...	1	5	2	5	3	7	2	8	9	6	7	4
August	57	65	62	54	4	1	...	3	1	5	3	3	4	3	3	4	4	3	3	6	4	2	...	2
September	42	35	50	51	1	2	3	5	5	2	3	1	...	3	3	6	3	0	3	4	2	3	1	5
Total for quarter ending September 30, 1876	168	178	193	196	11	7	6	10	9	8	7	5	8	9	11	13	14	5	14	19	12	5	18	17
Grand total by sex	452	432	607	573	37	32	34	35	19	24	17	19	25	29	29	54	39	32	43	65	50	44	41	48
Grand total by color	884	1,180	69	69	43	36	54	83	71	108	94	117	74	183	191	191	191	191	191	191	191	191	191	191
Grand total both colors	2,064	2,064	138	138	79	79	137	137	179	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183

TABLE No. VI—Continued.

AGE OF DECEDENT.

Class and month.	35 to 40 years.						40 to 45 years.						45 to 50 years.						50 to 55 years.						55 to 60 years.						60 to 65 years.						65 to 70 years.					
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.								
RECAPITULATION.																																										
April																																										
May																																										
June																																										
Total for quarter ending June 30, 1876																																										
July																																										
August																																										
September																																										
Total for quarter ending September 30, 1876																																										
Grand total by sex																																										
Grand total by color																																										
Grand total both colors																																										

TABLE No. VI.—Continued.

Class and month.	AGE OF DECEDENT.																			
	70 to 75 years.				75 to 80 years.				80 to 85 years.				85 to 90 years.				90 to 95 years.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
RECAPITULATION.																				
April.....	3	4	3	1	2	2	1	3	3	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
May.....	2	4	1	.....	3	3	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June.....	2	2	.....	2	1	2	3	.....	2	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Total for quarter ending June 30, 1876.....	7	10	4	3	6	7	4	5	5	7	1	1	1	4	1	1	.....	.....	.....	.....
July.....	5	3	3	4	7	4	2	.....	1	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
August.....	2	4	1	2	2	2	1	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September.....	4	1	.....	.....	3	3	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for quarter ending September 30, 1876.....	12	8	4	7	12	9	5	2	5	4	1	.....	2	4	1	.....	1	.....	.....	.....
Grand total by sex.....	37	36	13	17	33	28	15	14	14	20	8	11	8	12	6	5	1	2	1	2
Grand total by color.....	73	30	61	29	34	19	20	11	3	3	3	3	3	3	3	3	3	3	3	3
Grand total both colors.....	163	90	53	31	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8

TABLE No. VI.—Continued.

Class and month.	SOCIAL RELATIONS.												NATIVITY.																
	Married.			Single.			Widow or wid- ower.			Unknown.			District of Co- lumbia.			Other parts of United States.						Foreign.							
	W.	U.	W.	U.	W.	U.	W.	U.	W.	U.	W.	U.	W.	U.	W.	U.	W.	U.	W.	U.									
M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.									
RECAPITULATION.																													
April		33	19	15	12	35	28	52	54	3	17	7	19	6	2	1	...	31	30	48	42	97	19	37	36	19	17	...	
May		18	19	19	15	41	38	40	53	8	18	4	7	3	2	1	...	38	38	35	43	16	94	26	31	16	9	1	
June		43	16	20	16	107	90	97	85	2	10	5	14	3	2	1	...	94	83	92	77	30	26	31	38	11	9	...	
Total for quarter ending June 30, 1876		74	54	54	43	183	150	189	191	13	45	16	33	19	6	3	...	163	151	175	162	73	69	86	105	46	35	1	
July		38	33	30	19	100	94	104	105	10	15	5	12	7	1	2	2	87	84	82	98	35	41	48	40	33	14	1	
August		22	8	14	17	80	79	73	70	10	6	5	6	1	1	1	2	68	73	64	54	36	92	38	41	19	1	1	
September		23	19	24	9	58	49	62	67	5	17	1	14	1	...	...	...	48	43	56	63	17	28	31	27	22	14	...
Total for quarter ending September 30, 1876		83	60	59	45	238	222	239	242	25	40	11	32	9	2	3	4	203	200	202	215	78	91	107	108	74	33	2	...
Grand total by sex		394	224	213	166	638	600	766	740	91	180	50	137	34	12	12	9	581	563	649	645	318	320	389	407	238	133	3	...
Grand total by color		548	379			1,268	1,506		971	187		46						1,144	1,394		638		796		371		3		
Grand total both colors		997				2,794			458									2,438									374		

TABLE No. VI—Continued.

Class and month.		DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA.																							
		Under 1 month.						1 to 4 months.						4 to 8 months.						8 to 12 months.					
		W.		C.		M.		W.		C.		M.		W.		C.		M.		W.		C.		M.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
RECAPITULATION.																									
April.....		11	5	4	14	2	7	4	6	5	9	7	3	4	1	9	9	6	5	12	8	3	4	5	2
May.....		13	6	10	19	5	5	3	7	8	5	8	5	4	9	6	6	9	8	4	9	4	3	2	7
June.....		17	21	20	17	28	19	19	13	23	15	19	14	9	10	13	11	13	13	15	7	.....	2	5	6
Total for quarter ending June 30, 1876		41	32	34	50	36	31	26	31	36	22	34	22	17	13	28	19	21	26	31	17	7	8	11	18
July.....		18	19	17	21	10	14	13	21	23	21	13	16	13	18	90	91	15	11	17	9	5	7	4	2
August.....		13	10	13	16	9	11	10	10	14	19	12	9	10	15	9	13	14	14	15	10	4	8	4	3
September.....		18	9	13	10	4	7	12	4	7	4	3	4	8	10	4	3	8	12	14	21	4	4	6	5
Total for quarter ending September 30, 1876		49	38	43	37	23	32	35	35	42	39	36	26	34	38	31	36	43	41	39	53	16	13	21	13
Grand total by sex		145	107	160	129	94	68	97	102	97	60	120	60	71	64	90	84	108	107	121	132	49	36	59	68
Grand total by color.....		258	929	182	199	177	200	135	174	215	953	87	137	68	67	130	130	130	130	130	130	130	130	130	130
Grand total both colors		541	381	377	309	468	914	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130

TABLE No. VI.—Continued.

DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA.

Class and month.	4 to 5 years.						5 to 10 years.						10 to 20 years.						20 to 30 years.						30 to 40 years.						40 to 50 years.						50 to 60 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	



Class and month.		TABLE No. VI—Continued.															
		DURATION OF RESIDENCE IN THE DIST. OF COLUMBIA.								DURATION OF LAST SICKNESS.							
		60 to 70 years.				Above 70 years.				Unknown.				Under 1 day.		1 day to 1 week.	
		W.	C.	M.	F.	W.	C.	M.	F.	W.	C.	M.	F.	W.	C.	W.	C.
RECAPITULATION.		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
April.....	2	1	1	.....	1	.....	.....	4	1	8	9	5	8	23	13	16	12
May.....	1	2	.....	3	.....	1	.....	1	4	3	10	6	7	16	24	11	15
June.....	1	3	.....	1	.....	1	.....	1	4	20	17	10	19	46	39	31	35
Total for quarter ending June 30, 1876.....	3	6	1	1	1	4	.....	1	9	8	36	32	33	62	63	56	62
July.....	4	2	1	1	.....	1	.....	7	1	7	34	16	11	36	38	37	34
August.....	2	.....	1	1	.....	3	2	4	.....	19	10	11	6	25	21	18	13
September.....	2	.....	1	.....	1	.....	3	1	2	2	9	10	7	9	24	16	21
Total for quarter ending September 30, 1876.....	2	6	2	2	2	2	.....	1	13	4	63	36	29	32	85	75	66
Grand total by sex.....	13	22	4	7	6	9	4	3	36	16	143	110	113	126	383	344	339
Grand total by color.....	35	11	17	7	7	52	73	253	239	527	458	359	315	139	135		
Grand total both colors.....	46	94	125	492	985	674	394										

TABLE No. VI—Continued.

Class and month.	DURATION OF LAST SICKNESS.																							
	7 to 8 months.						8 to 9 months.						9 to 10 months.						10 to 11 months.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.
April	1	1	1	2	1	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
May	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
June	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending June 30, 1876.	2	3	5	5	2	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
July	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
August	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
September	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total for quarter ending September 30, 1876.	2	1	4	4	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand total by sex	11	10	12	15	4	3	9	11	8	9	4	5	2	4	1	25	43	39	45	46	37	32	31	16
Grand total by color	21	27			7		50	17	9		2	5	68	74	83	53	24	92						
Grand total both colors	48				57		98				7		142		136		46							

TABLE No. VI Continued.

Class and month.	DURATION OF LAST ILLNESS.																RECAPITULATION.															
	3 to 4 years.				4 to 5 years.				Above 5 years.				Unknown.				Total by color and sex.								Total—							
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		By color.		By sex.		Deaths.			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	W.	C.	M.	F.	M.	F.		
April	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	296	
May	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	279	
June	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	491	
Total for quarter ending June 30, 1876	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1,066	
July	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	507	
August	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	397	
September	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	340	
Total for quarter ending September 30, 1876	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1,313	
Grand total by sex	8	5	4	1	3	4	2	3	2	13	4	3	40	44	48	52	1,137	1,016	1,041	1,032	2,153	2,093	2,178	2,008	4,246	4,246	4,246	4,246	4,246	4,246	4,246	
Grand total by color	13	5	7	5	34	7	84	100	2,153	2,093	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	4,246	
Grand total both colors	18	12	41	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184

TABLE No. VII.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	NATIVITY.										Under 1 month.				1 to 4 months.				4 to 8 months.				8 to 12 months.			
	District of Columbia.		Other parts of the U. S.		Foreign.																					
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.		
CLASS I.—ZYMOTIC.																										
{ M.																										
{ F.																										
By sex in each period of life.....																										
By color in each period of life.....																										
Total zymotic deaths in each period of life.....																										
{ M.																										
{ F.																										
By sex in each period of life to total mortality.....																										
By color in each period of life to total mortality.....																										
Percentage of zymotic deaths in each period of life to total mortality.....																										
{ M.																										
{ F.																										
By sex in each period of life.....																										
By color in each period of life.....																										
Total constitutional deaths in each period of life.....																										
{ M.																										
{ F.																										
By sex in each period of life to total mortality.....																										
By color in each period of life to total mortality.....																										
Percentage of constitutional deaths in each period of life to total mortality.....																										

TABLE No. VII.—Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	Total under 1 year.			1 to 2 years.			2 to 3 years.			3 to 4 years.			4 to 5 years.			Total under 5 years.			5 to 10 years.						
	W.	C.	G.	W.	C.	G.	W.	C.	G.	W.	C.	G.	W.	C.	G.	W.	C.	G.	W.	C.	G.				
CLASS I.—ZYMOTIC.																									
By sex in each period of life	133	141	50	39	13	17	6	8	1	210	206	15	12	117	131	47	48	12	9	5	3	2	197	20	6
By color in each period of life	250	272	97	87	25	28	15	13	11	3	398	403	35	12	6										
Total zymotic deaths in each period of life	522		184		53		22		14		801		53												
Percentage by sex in each period of life to total mortality { M. F. }	3.132	3.321	1.178	.918	.306	.400	.141	.188	.084	4.946	4.851	.353	.283	3.755	3.086	1.107	1.130	.283	.118	.071	.047	.471	4.851	.353	.283
Percentage by color in each period of life to total mortality.	5.867	6.407	2.285	2.048	.569	.659	.353	.306	.259	.071	9.373	9.491	.254	.424								.254	.424		
Percentage of zymotic deaths in each period of life to total mortality	12.284		4.333		1.248		.659		.330		18.861		1.248												
CLASS II.—CONSTITUTIONAL.																									
By sex in each period of life	16	33	9	27	5	8	2	1	1	33	69	1	9	47	27	11	25	4	14	1	4	41	40	15	15
By color in each period of life	43	60	20	52	9	22	3	11	2	4	77	149	1	24											
Total constitutional deaths in each period of life	103		72		31		14		6		226		23												
Percentage by sex in each period of life to total mortality { M. F. }	.376	.777	.212	.636	.118	.188	.047	.024	.024	.777	1.625	.034	.012	.636	.239	.589	.094	.330	.024	.094	.034	.333	1.884	.034	.333
Percentage by color in each period of life to total mortality.	1.012	1.413	.471	1.225	.212	.518	.071	.359	.047	1.813	3.509	.054	.565									.054	3.509	.054	.565
Percentage of constitutional deaths in each period of life to total mortality	2.425		1.696		.730		.330		.141		5.322		.589												

TABLE No. VII.—Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	10 to 15 years.		15 to 20 years.		20 to 25 years.		25 to 30 years.		30 to 35 years.		35 to 40 years.		40 to 45 years.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS I.—ZYMOTIC.														
By sex in each period of life..... { M. } { F. }	5	1	7	6	4	1	7	6	7	4	5	2	4	4
	10	6	7	7	4	5	6	3	6	1	9	2	3	5
By color in each period of life.....	15	7	14	13	8	6	13	9	13	5	14	4	7	9
Total zymotic deaths in each period of life.....	22		27		14		22		18		18		16	
Percentage by sex in each period of life to total mortality { M. } { F. }	.118	.024	.165	.141	.094	.024	.165	.141	.105	.094	.118	.047	.094	.094
	.935	.141	.165	.165	.094	.118	.141	.071	.141	.094	.212	.047	.071	.118
Percentage by color in each period of life to total mortality.....	.353	.165	.330	.306	.198	.142	.306	.212	.306	.118	.330	.094	.165	.212
Percentage of zymotic deaths in each period of life to total mortality.....	.518		.636		.330		.518		.494		.424		.377	
CLASS II.—CONSTITUTIONAL.														
By sex in each period of life..... { M. } { F. }	3	8	7	14	19	23	25	18	33	14	15	14	19	12
	8	8	13	31	15	36	17	98	24	16	24	24	18	9
By color in each period of life.....	11	16	20	45	34	59	42	46	57	30	39	36	37	21
Total constitutional deaths in each period of life.....	27		65		93		88		87		75		58	
Percentage by sex in each period of life to total mortality { M. } { F. }	.071	.198	.105	.320	.447	.542	.580	.424	.777	.330	.353	.320	.447	.283
	.144	.140	.300	.710	.353	.844	.400	.040	.505	.377	.505	.514	.421	.313
Percentage by color in each period of life to total mortality.....	.520	.377	.413	1.060	.400	1.390	.369	1.084	1.312	.707	.612	.814	.871	.405
Percentage of constitutional deaths in each period of life to total mortality.....	.610		1.00		.910		.973		.910		1.060		1.060	

TABLE NO. VII.—Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	45 to 50 years.		50 to 55 years.		55 to 60 years.		60 to 65 years.		65 to 70 years.		70 to 75 years.		75 to 80 years.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS I.—ZYMOTIC.														
By sex in each period of life..... { M. F.....	5	6	9	1	5	1	2	3	2	2	3	2	3	1
By color in each period of life.....	4	4	4	4	2	1	3	1	3	1	1	1	2	1
By color in each period of life.....	9	6	13	1	7	2	5	4	5	2	4	2	2	1
Total zymotic deaths in each period of life.....	15		14		9		9		7		6		3	
Percentage by sex in each period of life to total mortality { M. F.....	.118	.141	.212	.084	.117	.024	.047	.071	.047	.071	.071	.047	.071	.023
Percentage by color in each period of life to total mortality	.094	.094	.094	.094	.047	.024	.071	.023	.071	.023	.023	.047	.047	.023
Percentage by color in each period of life to total mortality	.212	.141	.306	.024	.164	.048	.118	.094	.118	.047	.094	.047	.047	.023
Percentage of zymotic deaths in each period of life to total mortality.....	.353		.330		.212		.212		.165		.141		.070	
CLASS II.—CONSTITUTIONAL.														
By sex in each period of life..... { M. F.....	17	7	13	7	16	7	4	3	4	5	5	2	3	2
By color in each period of life.....	11	8	13	8	16	9	6	3	11	4	9	4	2	2
By color in each period of life.....	27	15	26	15	32	16	10	6	15	9	14	6	5	2
Total constitutional deaths in each period of life.....	42		41		48		16		24		20		7	
Percentage by sex in each period of life to total mortality { M. F.....	.377	.165	.306	.165	.377	.164	.094	.071	.094	.118	.118	.047	.071	.047
Percentage by color in each period of life to total mortality	.259	.148	.306	.169	.377	.212	.141	.071	.229	.094	.212	.094	.047	.047
Percentage by color in each period of life to total mortality	.636	.353	.612	.354	.751	.376	.235	.142	.353	.212	.330	.141	.118	.047
Percentage of constitutional deaths in each period of life to total mortality.....	.969		.966		1.130		.377		.565		.471		.165	

TABLE No. VII.—Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	80 to 85 years.			85 to 90 years.			90 to 95 years.			95 to 100 years.			Above 100 years.			Total deaths.	
	W.	C.		W.	C.		W.	C.		W.	C.		W.	C.		W.	C.
CLASS I.—ZYMOTIC.																	
By sex in each period of life { M.			1													290	258
By color in each period of life { F.												1				273	236
Total zymotic deaths in each period of life { M.	1			1						1						563	494
Percentage by sex in each period of life to total mortality { M. . . . .			.024									.024				6,830	6,076
Percentage by color in each period of life to total mortality { F. . . . .													.024			6,430	5,558
Percentage of zymotic deaths in each period of life to total mortality { M. . . . .			.024									.024				13,260	11,634
Percentage of zymotic deaths in each period of life to total mortality { F. . . . .													.024				
CLASS II.—CONSTITUTIONAL.																	
By sex in each period of life { M.	1															217	214
By color in each period of life { F.	2		1		1											214	252
Total constitutional deaths in each period of life { M.	3		1		1											431	466
Percentage by sex in each period of life to total mortality { M. . . . .			.024									.024				24,804	947
Percentage by color in each period of life to total mortality { F. . . . .													.024				
Percentage of constitutional deaths in each period of life to total mortality { M. . . . .			.024									.024				6,830	12,906
Percentage of constitutional deaths in each period of life to total mortality { F. . . . .													.024			6,430	11,988
Percentage of constitutional deaths in each period of life to total mortality { M. . . . .			.024									.024				13,260	11,634
Percentage of constitutional deaths in each period of life to total mortality { F. . . . .													.024				
Total constitutional deaths in each period of life { M.	4			1												947	947
Percentage by sex in each period of life to total mortality { M. . . . .	.024															5,111	5,040
Percentage by color in each period of life to total mortality { F. . . . .	.047		.023		.021											5,511	6,441
Percentage of constitutional deaths in each period of life to total mortality { M. . . . .	.071		.023		.021											10,622	11,481
Percentage of constitutional deaths in each period of life to total mortality { F. . . . .			.023		.021												
Percentage of constitutional deaths in each period of life to total mortality { M. . . . .			.023		.021											24,304	92,303
Percentage of constitutional deaths in each period of life to total mortality { F.																	

TABLE No. VII. Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	NATIVITY.										Under 1 month.				4 to 8 months.				8 to 12 months.			
	District of Columbia.				Other parts of the U. S.				Foreign.				1 to 4 months.									
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.				
CLASS III.—LOCAL.																						
By sex in each period of life. { M. F. }																						
By color in each period of life.																						
Total local deaths in each period of life.																						
Percentage by sex in each period of life to total mortality { M. F. }																						
Percentage by color in each period of life to total mortality.																						
Percentage of local deaths in each period of life to total mortality.																						
CLASS IV.—DEVELOPMENTAL.																						
By sex in each period of life. { M. F. }																						
By color in each period of life.																						
Total developmental deaths in each period of life.																						
Percentage by sex in each period of life to total mortality { M. F. }																						
Percentage by color in each period of life to total mortality.																						
Percentage of developmental deaths in each period of life to total mortality.																						

TABLE No. VII—Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	Total under 1 year.		1 to 2 years.		2 to 3 years.		3 to 4 years.		4 to 5 years.		Total under 5 years.		5 to 10 years.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS III.—LOCAL.														
By sex in each period of life { M. { F.	97 94	189 146	20 27	51 52	11 10	18 23	6 6	11 8	1 9	5 6	144 146	274 235	19 12	13 9
By color in each period of life	191	335	56	103	21	41	12	10	10	11	200	509	31	22
Total local deaths in each period of life	588		159		62		31		21		799		53	
Percentage by sex in each period of life to total mortality { M. { F.	2.94 2.214	4.451 3.438	.623 .636	1.201 1.255	.229 .235	.424 .542	.141 .141	.259 .189	.024 .212	.118 .141	3.392 3.438	6.453 5.514	.447 .283	.306 .212
Percentage by color in each period of life to total mortality	4.498	7.889	1.319	2.426	.494	.966	.382	.448	.226	.259	6.836	11.967	.730	.518
Percentage of local deaths in each period of life to total mortality	12.387		3.745		1.480		.730		.495		16.817		1.248	
CLASS IV.—DEVELOPMENTAL.														
By sex in each period of life { M. { F.	57 43	54 42									57 43	51 42		
By color in each period of life	102	96									102	96		
Total developmental deaths in each period of life	199										198			
Percentage by sex in each period of life to total mortality { M. { F.	1.348 1.060	1.179 .869									1.348 1.060	1.279 .989		
Percentage by color in each period of life to total mortality	2.402	2.361									2.402	2.361		
Percentage of developmental deaths in each period of life to total mortality	4.063										4.063			

TABLE NO. VII Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	10 to 15 years.		15 to 20 years.		20 to 25 years.		25 to 30 years.		30 to 35 years.		35 to 40 years.		40 to 45 years.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS III.—LOCAL.														
By sex in each period of life { M. } { F. }	6	5	9	6	11	14	16	14	24	18	35	21	25	8
	5	1	8	8	10	16	11	12	13	8	19	11	14	7
By color in each period of life.....	11	6	17	14	21	30	27	26	37	26	54	32	39	15
Total local deaths in each period of life	17		31		51		53		63		86		54	
Percentage by sex in each period of life to total mortality { M. } { F. }	.141	.118	.912	.141	.259	.330	.377	.330	.565	.424	.894	.495	.589	.188
	.118	.023	.168	.169	.235	.377	.259	.293	.306	.169	.448	.259	.340	.165
Percentage by color in each period of life to total mortality..	.259	.141	.400	.330	.494	.707	.636	.612	.871	.613	1.372	.754	.919	.353
Percentage of local deaths in each period of life to total mortality .....	.400		.730		1.201		1.246		1.484		2.026		1.272	
CLASS IV.—DEVELOPMENTAL.														
By sex in each period of life { M. } { F. }			1	8	2	8	10	3	5	4	6	6	2	2
By color in each period of life.....			1	8	2	9	10	3	5	4	6	7	2	2
Total developmental deaths in each period of life.....			9		11		13		9		13		4	
Percentage by sex in each period of life to total mortality { M. } { F. }			.024	.188	.047	.094	.235	.071	.118	.094	.141	.141	.047	
			.024	.188	.047	.212	.235	.071	.118	.094	.141	.165	.047	.047
Percentage by color in each period of life to total mortality..			.024	.188	.047	.212	.235	.071	.118	.094	.141	.165	.047	.047
Percentage of developmental deaths in each period of life to total mortality .....			.212		.259		.306		.212		.306		.094	

TABLE No. VII.—Continued.
 RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	45 to 50 years.			50 to 55 years.			55 to 60 years.			60 to 65 years.			65 to 70 years.			70 to 75 years.			75 to 80 years.			
	W.	C.		W.	C.		W.	C.		W.	C.		W.	C.		W.	C.		W.	C.		
CLASS III.—LOCAL.																						
By sex in each period of life { M. } { F. }	31	9		30	15		20	10		41	15		18	10		17	5		16	6		
	17	12		14	8		21	10		21	12		17	17		19	7		10	7		
By color in each period of life.....	48	21		48	32		50	30		62	27		35	27		36	12		26	13		
Total local deaths in each period of life	69		71				70			89			62			48			39			
Percentage by sex in each period of life to total mortality { M. } { F. }	730	212		707	353		683	236		966	353		424	236		400	118		377	141		
	400	263		424	188		494	236		494	263		400	400		418	165		326	165		
Percentage by color in each period of life to total mortality.....	1,130	495		1,111	541		1,177	472		1,460	636		824	636		848	283		613	306		
Percentage of local deaths in each period of life to total mortality.....	1,625		1,672			1,649			2,096		1,460					1,131						
CLASS IV.—DEVELOPMENTAL.																						
By sex in each period of life..... { M. } { F. }	1			2	1		2	3		3			6	8		12	4		14	7		
	2	1		1	1		2	2		4			5	2		7	6		14	6		
By color in each period of life	3	1		2	2		4	5		3			11	10		19	10		28	13		
Total developmental deaths in each period of life	4		4			9			7		21					29			41			
Percentage by sex in each period of life to total mortality { M. } { F. }	923			947	924		947	971		971			141	149		923	994		330	165		
	947	924		923	917		917	947		934			118	947		165	141		310	141		
Percentage by color in each period of life to total mortality.....	979	921		947	917		917	918		971			229	236		418	225		670	306		
Percentage of developmental deaths in each period of life to total mortality.....	994		994			919			105		405					994						

TABLE NO. VII. Continued
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	80 to 85 years.		85 to 90 years.		90 to 95 years.		95 to 100 years.		Above 100 years.		Total deaths.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS III.—LOCAL.												
By sex in each period of life { M..... F.....	7 9	3 1	2 4	..... 2	..... 1	..... 1	1	1 .....	..... 1	..... 1	.481 .375	.448 .364
By color in each period of life	16	4	6	2	1	.....	1	1	.....	2	.856	.832
Total local deaths in each period of life	20	.....	8	.....	1	.....	2	.....	.....	2	1.688	1.688
Percentage by sex in each period of life to total mortality { M..... F.....	.165 .212	.071 .121	.047 .094	......017	......084	......024	.023.....	.023.....	......024	.023	11.338 8.832	10.551 9.044
Percentage by color in each period of life to total mortality	.377	.094	.141	.047	.084	.024	.023	.023	.047	.047	20.160	19.595
Percentage of local deaths in each period of life to total mortality	.471	.....	.188	.....	.024	.047	.047	.047	.047	.047	39.755	39.755
CLASS IV.—DEVELOPMENTAL.												
By sex in each period of life { M..... F.....	6 9	4 9	6 6	6 3	1 1	1 2	1	1 2	..... 1	..... 3	111 118	95 112
By color during each period of life	15	13	12	9	2	3	1	3	1	5	229	207
Total developmental deaths in each period of life	28	.....	21	.....	5	.....	4	.....	6	.....	436	436
Percentage by sex in each period of life to total mortality { M..... F.....	.142 .212	.094 .212	.142 .141	.141 .171	.084 .023	.024 .041	.021.....	.023 .047	......024	.047 .070	2.614 2.779	2.278 2.638
Percentage by color in each period of life to total mortality	.354	.306	.283	.212	.047	.071	.024	.070	.024	.117	5.393	4.876
Percentage of developmental deaths in each period of life to total mortality	.650	.....	.495	.....	.118	.094	.141	.141	.141	.141	10.269	10.269

TABLE No. VII.—Continued.
 RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	District of Columbia.		NATIVITY.				Foreign.		Under 1 month.		1 to 4 months.		4 to 8 months.		8 to 12 months.	
	Other parts of the U. S.															
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS V.—VIOLENCE.																
By sex in each period of life.....	15	8	16	17	7	1			2	2	1		2			
{ M.....	10	23	5	15	1				6	12			3			
{ F.....													1			
By color in each period of life.....	25	31	21	32	8	1			8	14	1		2	3	1	
Total violent deaths in each period of life.....	56		53		9				22		1		5		1	
Percentage by sex in each period of life.....	353	188	377	400	165	.094			.047	.047	.094		.047			
{ M.....	236	542	117	334	823				.142	.283			.071	.093		
{ F.....																
Percentage by color in each period of life to total mortality..	589	730	494	754	188	.094			.188	.330	.094		.047	.071	.093	
Percentage of violent deaths in each period of life to total mortality.....	1,319		1,348		.212				.518		.094		.118		.023	
RECAPITULATION.																
By sex in each period of life.....	541	649	318	389	234	3			106	145	65		82	106	55	62
{ M.....	563	645	330	407	133				87	121	75		69	78	59	74
{ F.....																
By color in each period of life.....	1,144	1,284	638	796	371	3			103	966	140		151	184	114	156
Total deaths in each period of life.....	2,438		1,434		374				459		314		335		270	
Percentage by sex in each period of life to total mortality { M.....	13,684	15,285	7,490	9,161	5,605	.071			2,496	3,415	1,331		1,931	2,497	1,895	1,931
{ F.....	13,280	15,190	7,536	9,386	3,132				2,019	2,830	1,768		1,625	1,857	1,360	1,743
Percentage by color in each period of life to total mortality..	26,944	30,475	15,026	17,717	8,737	.071			4,545	6,265	3,297		3,556	4,334	2,685	3,674
Percentage of deaths in each period of life to total mortality	57,419		33,773		8,484				10,410		7,365		7,490		6,359	

TABLE No. VII. Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	Total under 1 year.		1 to 2 years.		2 to 3 years.		3 to 4 years.		4 to 5 years.		Total under 5 years.		5 to 10 years.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS V.—VIOLENCE.														
By sex in each period of life.....	5	2			2	2			1		8	4	2	5
By color in each period of life.....	7	15	1	1	1	1					9	19		
	12	17	1	1	3	3			1	1	17	23	2	5
Total violent deaths in each period of life.....	29		2		6		1		2		40		7	
Percentage by sex in each period of life.....	.118	.047			.047	.047			.024		.188	.094	.047	.118
Percentage by color in each period of life to total mortality.....	.105	.353	.024	.023	.023	.024			.024	.023	.212	.418		
Percentage by color in each period of life to total mortality.....	.283	.400	.024	.023	.070	.071			.024	.023	.400	.542	.047	.118
Percentage of violent deaths in each period of life to total mortality.....	.083		.047		.041		.024		.047		.942		.165	
RECAPITULATION.														
By sex in each period of life.....	304	419	88	117	31	45	14	20	11	6	452	607	37	34
By color in each period of life.....	290	361	86	126	27	49	16	24	13	13	432	573	32	35
	598	780	174	243	58	94	30	44	24	19	884	1,180	69	69
Total deaths in each period of life.....	1,378		417		152		74		43		2,064		138	
Percentage by sex in each period of life to total mortality.....	7,354	9,888	2,073	2,755	730	1,060	330	471	259	141	10,645	14,286	871	801
Percentage by color in each period of life to total mortality.....	6,830	8,592	2,025	2,968	636	1,154	377	565	306	306	10,174	13,405	754	821
	14,084	18,370	4,098	5,723	1,366	2,214	707	1,036	565	447	20,819	27,791	1,625	1,625
Percentage of deaths in each period of life to total mortality.....	32,454		9,821		3,580		1,743		1,012		48,610		3,920	

TABLE No. VII.—Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	10 to 15 years.		15 to 20 years.		20 to 25 years.		25 to 30 years.		30 to 35 years.		35 to 40 years.		40 to 45 years.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS V.—VIOLENCE.														
By sex in each period of life. { M. F. }	5	3	2	3	5	4	2	3	4	4	1	1	2	1
	1	4	.....	.....	1	.....	.....	2	1	5	.....	.....	2	1
By color in each period of life.	6	7	2	3	6	4	2	5	5	9	1	1	4	2
Total violent deaths in each period of life.	13		5		10		7		14		2		6	
Percentage by sex in each period of life to total mortality { M. F. }	.118	.071	.047	.071	.118	.094	.047	.071	.094	.094	.024	.....	.047	.021
	.023	.091	.....	.....	.024	.....	.....	.047	.024	.118	.....	.....	.047	.025
Percentage by color in each period of life to total mortality. ..	.141	.165	.047	.071	.142	.094	.047	.118	.212	.212	.024	.023	.094	.047
Percentage of violent deaths in each period of life to total mortality { } .....	.306		.118		.246		.165		.330		.047		.141	
RECAPITULATION.														
By sex in each period of life. { M. F. }	19	17	25	29	39	43	50	41	68	40	56	38	50	27
	24	19	25	34	32	65	41	48	49	34	58	42	39	22
By color in each period of life.	43	36	54	81	71	108	94	89	117	71	114	80	89	49
Total deaths in each period of life.	79		137		179		183		191		194		138	
Percentage by sex in each period of life to total mortality { M. F. }	.448	.400	.580	.653	.918	1.013	1.178	.666	1.601	.9.2	1.310	.895	1.174	.686
	.565	.448	.663	1.211	.751	1.531	1.036	1.130	1.154	.801	1.368	1.060	.918	.518
Percentage by color in each period of life to total mortality. ..	1.013	.848	1.374	1.954	1.662	2.511	2.211	2.086	2.755	1.743	2.065	1.884	2.006	1.154
Percentage of deaths in each period of life to total mortality { }	1.440		3.126		4.476		4.110		4.194		4.569		3.290	

TABLE No. VII—Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	45 to 50 years.		50 to 55 years.		55 to 60 years.		60 to 65 years.		65 to 70 years.		70 to 75 years.		75 to 80 years.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS V.—VIOLENCE.														
By sex in each period of life. $\left\{ \begin{array}{l} M \\ F \end{array} \right\}$	1	1	2				2	3	1	1				
By color in each period of life.	1	1	2				2	3	1	3				
Total violent deaths in each period of life	2		2		2		4		4					
Percentage by sex in each period of life to total mortality $\left\{ \begin{array}{l} M \\ F \end{array} \right\}$	.024	.023	.047			.047	.070	.024	.023	.024				
Percentage by color in each period of life to total mortality.	.024	.023	.047			.047	.070	.024	.070	.024				
Percentage of violent deaths in each period of life to total mortality	.047		.047		.047		.094		.094					
RECAPITULATION.														
By sex in each period of life. $\left\{ \begin{array}{l} M \\ F \end{array} \right\}$	54	22	56	54	52	23	53	22	31	26	37	13	33	15
By color in each period of life.	34	52	35	17	41	22	30	20	38	23	36	17	29	14
By color in each period of life.	28	44	91	41	93	45	83	42	69	49	73	30	61	29
Total deaths in each period of life	132		132		138		125		118		103		90	
Percentage by sex in each period of life to total mortality $\left\{ \begin{array}{l} M \\ F \end{array} \right\}$	1,272	518	1,319	565	1,225	542	1,248	512	730	612	871	306	777	353
Percentage by color in each period of life to total mortality	801	518	824	401	965	514	707	471	895	542	848	401	660	330
Percentage by color in each period of life to total mortality.	2,073	1,036	2,143	966	2,190	1,060	1,955	981	1,625	1,154	1,719	707	1,437	663
Percentage of deaths in each period of life to total mortality	3,109		3,109		3,220		2,944		2,779		2,426		2,120	

TABLE No. VII.—Continued.
RECAPITULATION—TOTAL DEATHS BY CLASSES—PERCENTAGES.

Cause of death.	80 to 85 years.		85 to 90 years.		90 to 95 years.		95 to 100 years.		Above 100 years.		Total deaths	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
CLASS V.—VIOLENCE.												
By sex in each period of life. { M. F.											38	96
By color in each period of life											16	38
											54	64
Total violent deaths in each period of life											118	118
Percentage by sex in each period of life to total mortality { M. F.											.895	.612
Percentage by color in each period of life to total mortality											.377	.895
Percentage of violent deaths in each period of life to total mortality											1.372	1.507
												2.779
RECAPITULATION.												
By sex in each period of life. { M. F.	14	8			1	1			3		1,137	1,041
By color in each period of life	20	11	12	5	2	2			1	4	1,016	1,052
	34	19	20	11	3	3			1	7	2,153	2,093
Total deaths in each period of life	53		31		6		7		8		4,346	4,246
Percentage by sex in each period of life to total mortality { M. F.	330	198	199	141	923	924	.047	.047			96,778	94,517
Percentage by color in each period of life to total mortality	471	250	263	116	.047	.047	.071	.071	.024	.064	53,929	54,776
Percentage of deaths in each period of life to total mortality	801	447	471	250	.070	.071	.041	.118	.024	.165	50,707	49,293
Percentage of deaths in each period of life to total mortality	1,202		740		141		.105				100	100

TABLE No. VIII.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1873.												1876.											
	October.				November.				December.				Total first quar- ter.				January.				February.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS I.—ZYMOTIC.																								
Order 1.— <i>Miasmatic.</i>																								
Cholera infantum.....	1	1	1										1	1	1									
Cholera morbus.....																								
Group.....	1	1	1																					
Dysentery.....	2	9	3	4	4	1	2	1	2	1	2	1	5	7	2	2	4	2	9	1	1	1	2	2
Dysentery.....	2	9	3	4	4	1	2	1	2	1	2	1	6	4	4	1	1	1	4	4	1	1	1	1
Enterocolitis.....	1	2	1										9	1	1	1	1	1						
Erysipelas.....	1								2	1	2	1	2	1	2	1	2	1	1	1	1			
Fever bilious.....																								
Fever cerebro-spinal.....	1	1	1						1	1	1	1	1	3	2	1	1	1	1	1				
Fever congestive.....																								
Fever intermittent.....																								
Fever remittent.....																								
Fever scarlet.....																								
Fever typhoid.....	5	6	3	2	1	3	2	1	1	2	1	3	7	12	7	2	2	1	1	3	2	2	2	2
Fever typhus.....																								
Fever typho-malarial.....	2	4	1	3	3	1							5	4	2	3	1			1				
Measles.....	1												1	1	1									
Pyæmia.....																								
Septæmia.....																								
Tonsillitis.....																								
Toxæmia.....																								
Varicella.....																								
Whooping-cough.....	2	2	1	1									1	2	2	1	2	1	1	2	1	2	3	3
Total miasmatic diseases.....	16	20	13	14	17	19	11	3	8	11	8	4	41	43	32	21	5	16	6	16	10	5	8	8
Order 2.— <i>Enthetic or inoculated.</i>																								
Syphilis.....																								
Syphilis, (congenital).....																								
Total enthetic or inoculated diseases.....																								

TABLE No. VIII.—continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

1876.

Cause of death.

CLASS I.—ZYMOTIC.

Order 1.—Miasmatic.

	July.			August.			September.			Total fourth quarter.				Total for the year.				Total deaths.	
	W.		C.	W.		C.	W.		C.	W.		C.	Total	W.		M. F.			
	M.	F.		M.	F.		M.	F.		M.	F.			M.	F.	M.	F.		
Cholera infantum	26	29	23	28	16	14	10	4	6	4	5	46	51	41	43	83	69	63	308
Cholera morbus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
Croup	7	5	15	9	6	4	12	5	3	4	6	8	15	13	33	23	29	25	44
Diarrhea	3	3	3	1	1	1	4	2	1	2	3	1	4	5	10	8	6	7	39
Diphtheria	2	3	5	1	1	1	4	2	1	2	3	1	4	5	10	8	6	7	50
Dysentery	3	3	3	2	1	1	4	2	1	2	2	2	4	6	5	9	11	9	46
Enterocolitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13
Erysipelas	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19
Fever, bilious	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Fever, cerebro-spinal	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18
Fever, congestive	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19
Fever, intermittent	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18
Fever, remittent	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18
Fever, scarlet	5	6	2	3	3	4	1	4	2	1	1	1	10	13	3	8	16	20	92
Fever, typhoid	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Fever, typhus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	43
Fever, typho-malarial	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	84
Measles	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
Pyæmia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Septæmia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Tonsillitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Toxæmia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10
Varicella	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	35
Whooping-cough	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total miasmatic diseases	47	50	51	45	39	42	41	29	26	23	33	110	118	115	107	258	219	200	930
Order 2.—Euthetic or inoculated.																			
Syphilis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11
Syphilis, (congenital)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
Total euthetic or inoculated	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1875.												1876.											
	October.				November.				December.				Total first quar- ter.				January.				February.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS I.—ZYMOTIC.																								
Order 3.— <i>Dietic</i> .																								
Alcoholism. { Intemperance																								
{ Delirium tremens.																								
1		1						2						2				1						
								1						2	1	1	3		1		1	1		2
Purpura hemorrhagica																								
1		1						2	1					2	3	1	1	3	1					
Total dietic diseases																								
Order 4.— <i>Parasitic</i> .																								
Aphthæ																								
Worms			1	2				1	1	2				3			1	5	4					
Total parasitic diseases																								
Total zymotic diseases																								
17	20	16	18	17	13	15	5	10	12	13	6	44	45	44	29	6	18	7	7	17	11	8	8	
CLASS II.—CONSTITUTIONAL.																								
Order 1.— <i>Dietetic</i> .																								
Anemia																								
Anasarca																								
Cancer, axilla																								
Cancer, bladder																								
Cancer, breast																								
Cancer, face																								
Cancer, femur																								
Cancer, intestine																								
Cancer, leg																								
Cancer, liver																								
Cancer, stomach																								
Cancer, testis																								
Cancer, uterus																								
Cancer, vagina																								
Cancer, vulva																								
Cancer, rectum																								
Cancer, skin																								
Cancer, thyroid																								
Cancer, unknown																								
Cancer, total																								

TABLE NO. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.																	
	March.						April.						May.					
	Total second quarter.			June.			Total third quarter.			July.			August.			September.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
CLASS I.—ZYMOTIC.																		
Order 3.— <i>Dietic.</i>																		
Alcoholism { Intemperance																		
{ Delirium tremens																		
Infantion	2			1	3	1	2	2										
Purpura hemorrhagica																		
Total dietic diseases	2			1	4	2	2	2										
Order 4.— <i>Parasitic.</i>																		
Aphthae																		
Worms																		
Total parasitic diseases																		
Total zymotic classes	11	6	9	34	35	24	24	6	4	7	9	14	10	8	6	69	51	50
CLASS II.—CONSTITUTIONAL.																		
Order 1.— <i>Dietetic.</i>																		
Anemia																		
Anasarca																		
Cancer, axilla																		
Cancer, bladder																		
Cancer, breast																		
Cancer, face																		
Cancer, femur																		
Cancer, intestines																		
Cancer, leg																		
Cancer, liver																		
Cancer, omentum																		
Cancer, ovary																		
Cancer, rectum																		
Cancer, spleen																		

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1875.												1876.																								
	October.						November.						December.						Total first quarter.						January.						February.						
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		
CLASS II.—CONSTITUTIONAL.																																					
Order 1.— <i>Diathetic.</i>																																					
Cancer, stomach.....																																					
Cancer, thigh.....																																					
Cancer, uterus.....																																					
Cancer, vagina.....																																					
Cancerous cachexia.....																																					
Marsannus.....																																					
Rheumatism.....																																					
Total diathetic diseases.....	1	3	6	1	1		4	5	4				2	3	3	4	4	10	14	9	1	9	1	2	4	2	1	4									
Order 2.— <i>Tubercular.</i>																																					
Abscess, lumbar.....																																					
Gangrene, (struma).....																																					
Hydrocephalus.....																																					
Phthisis pulmonalis.....	9	14	8	19	15		11	2	12				8	10	10	13	32	35	20	44	28	13	6	11	18	14	19	18									
Scrofula.....																																					
Tubercular mesenterica.....	1	1		4	5		4	4	5	3			2	2	2	2	4	5	10	12	1		2	1			3	8									
Tubercular bronchitis.....																																					
Tubercular enteritis.....																																					
Tubercular laryngitis.....																																					
Tubercular meningitis.....	1	1		2																																	
Tubercular peritonitis.....																																					
Tuberculous.....																																					
Total tubercular diseases.....	11	17	16	27	16		16	6	19	11	10	13	16	38	43	35	62	30	13	10	16	20	17	23	29												
Total constitutional class.....	12	20	22	28	17		20	11	23	13	13	16	20	42	53	49	71	31	22	11	18	24	19	24	33												
CLASS III.—LOCAL.																																					
Order 1.— <i>Nervous.</i>																																					
Abscess of brain.....																																					
Apoplexy, cerebral.....																																					
Apoplexy, cerebral, (insolation).....	1	2																																			

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.																	
	March.						Total second quarter.						April.					
	W.	C.	M.	F.	M.	F.	W.	C.	M.	F.	M.	F.	W.	C.	M.	F.	M.	F.
CLASS II.—CONSTITUTIONAL. Order I.— <i>Dysæsthetic</i> .	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	1						1											
Total diathetic diseases.	3	5	11	2	9	3	7	2	2									
Order 2.— <i>Tubercular</i> .																		
Total tubercular diseases.	21	15	18	71	45	48	63	18	11	31	18	9	16	13	16	33	11	16
Total constitutional class.	31	15	21	76	56	50	72	21	18	33	20	9	21	14	17	28	30	18
CLASS III.—LOCAL. Order I.— <i>Nervous</i> .	4	3	3	1	7	6	10	0	4	9	1	9	1	3	1	9	1	9
Amenia of brain Amenia of cerebellum Amenia of spinal cord (Involutions)																		

TABLE NO. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

1876.

Cause of death.

July.												August.				September.				Total fourth quarter.				Total for the year.				Total deaths.				
W.				C.				W.				C.				W.				C.				W.					C.			
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
Class II.—CONSTITUTIONAL. Order 1.—<i>Diabetic.</i> Cancer, stomach..... 1 Cancer, thigh..... Cancer, uterus..... 2 1 Cancer, vagina..... Cancerous cachexia..... Marasmus..... Rheumatism..... Total diathetic diseases..... 3 9 5 7 1 9 2 6 4 3 3 7 8 21 10 25 63 31 47 166																																
Order 2.—<i>Tubercular.</i> Abcess, lumbar..... Gangrene, (struma)..... Hydrocephalus..... Phthisis pulmonalis..... Scrofula..... Tabes mesenterica..... Tubercular bronchitis..... Tubercular enteritis..... Tubercular laryngitis..... Tubercular meningitis..... Tubercular peritonitis..... Tuberculosis..... Total tubercular diseases..... 13 17 23 24 8 14 10 23 12 14 17 13 33 45 50 192 171 183 235 781 Total constitutional class..... 16 26 28 31 9 23 12 29 16 17 20 20 41 66 60 217 324 214 283 947																																
Class III.—LOCAL. Order 1.—<i>Nervous.</i> Abcess of brain..... Apoplexy, cerebral..... Apoplexy, cerebral, (insolation)..... Total for the year..... 114 96 3 1																																

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

1876.

Cause of death.	March.						Total second quarter.						April.						May.						June.						Total third quarter.					
	W.			C.			W.	F.	M.	C.	F.	M.	C.	W.	F.	M.	C.	F.	M.	C.	W.	F.	M.	C.	W.	F.	M.	C.	W.	F.	M.	C.				
	M.	F.	M.	M.	F.	M.																														
CLASS III.—LOCAL.																																				
Order 1.—Nervous.																																				
Apoplexy, (serous)																																				
Atrophy, (spinal)																																				
Congestion of brain	1	3	2				2	5	3	1	1	1																								
Congestion of brain, (insolation)																																				
Convulsions, (infantile)	4	3	1	4	8	4	12	12	3	1	3	1	3	4	4	5	5	6	11	7	11	11	18	13												
Coup de soleil																																				
Coxalgia																																				
Dementia, (chronic)																																				
Dementia, (senile)																																				
Epilepsy				2	1	1	2	2	3	1	1																									
Hemiplegia							1	1																												
Inflammation of brain																																				
Inflammation of brain, (insolation)																																				
Laryngismus stridulus																																				
Locomotor ataxia																																				
Mania, acute, (exhaustion from)																																				
Meningitis	6	3	1	1	9	5	1	1	1	1	1	1	2	2	2	2	1	2	4	1	3	5	7	3												
Myelitis				1	1																															
Paralysis				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1												
Paraplegia																																				
Pott's disease of spine				1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	3	2	2												
Softening of brain																																				
Softening of spinal cord																																				
Tetanus, (idiopathic)				1																																
Tetanus, (traumatic)				6	2	2	1	9	5	1	2	2	1	3	3	1	4	4	1	4	4	3	9	9												
Typhus nascentium																																				
Tumor of brain				1																																
Total nervous diseases	17	13	19	10	33	28	42	31	12	7	9	6	10	12	13	16	8	17	22	17	30	36	44	39												
Order 2.—Circulatory.																																				
Aneurism of aorta	1						1																													

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.																		Total deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	July.						August.						September.							Total fourth quarter.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	W.			C.			W.			C.			W.			C.				W.			C.			M.	F.	M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.			M.	F.		M.	F.	M.					F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
CLASS III.—LOCAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Order 1.—Nervous.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Apoplexy, (serous).....	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

TABLE No. VIII—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1875.																								1876.																							
	October.						November.						December.						Total first quarter.						January.						February.																	
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.														
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.																
CLASS III.—LOCAL.																																																
Order 2.— <i>Circulatory.</i>																																																
Aneurism of aorta, (thoracic).....																																																
Aneurism of innominate artery.....																																																
Aneurism of subclavian artery.....																																																
Angina pectoris.....																																																
Atrophy of heart.....																																																
Dropsy, (cardiac).....																																																
Embolism of brain.....																																																
Embolism of brain, (insolation).....																																																
Embolism of coronary artery.....																																																
Endocarditis.....																																																
Fatty degeneration of heart.....																																																
Heart clot.....																																																
Hypertrophy of heart.....																																																
Pericarditis.....																																																
Rheumatism of heart.....																																																
Rupture of aorta.....																																																
Rupture of jugular vein.....																																																
Stenosis, (aortic).....																																																
Thrombosis, (pulmonary artery).....																																																
Valvular disease of heart.....																																																
Total circulatory diseases.....																																																
Order 3.— <i>Respiratory.</i>																																																
Asthma.....																																																
Bronchial catarrh.....																																																
Bronchitis.....																																																
Congestion of lungs.....																																																
Congestion of lungs, (insolation).....																																																
Empysema.....																																																

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.											
	March.				Total second quarter.				April.			
	W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS III.—LOCAL.												
Order 2.—Circulatory.												
Aneurism of aorta, (thoracic).....						1						
Aneurism of lumbomina artery.....							1					
Aneurism of anbulavian artery.....								1				
Angina pectoris.....									1			
Atrophy of heart.....						1			1			
Dropsy, (cardiac).....										1		
Embolism of brain.....	1				1	2					2	
Embolism of brain, (insolation).....												
Embolism of coronary artery.....												
Endocarditis.....							1		1		1	
Fatty degeneration of heart.....					1	2	1		1		1	
Heart clot.....	1				1				1		1	
Hypertrophy of heart.....	1				1				1		1	
Pericarditis.....	1				3	1		2	1		2	
Rheumatism of heart.....										1		
Rupture of aorta.....												
Rupture of jugular vein.....												
Steunosis, (aortic).....												
Thrombosis, (pulmonary artery).....												
Valvular disease of heart.....	1	4	3	2	5	1	5	2				
Total circulatory diseases.....	6	4	3	9	6	9	6	3	2	3	2	3
Order 3.—Respiratory.												
Asthma.....	1				1							
Bronchial catarrh.....												
Bronchitis.....	6	4	4	1	10	8	7	8	1	5	3	2
Congestion of lungs.....												
Emphysema.....	2	1	3	2	3	4	5	7	1	2		
Empyema.....												
Total third quarter.												
W.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
June.												
W.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
May.												
W.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
April.												
W.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Total third quarter.												
W.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.

TABLE NO. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

1878.

Cause of death.	1878.												Total deaths.			
	July.			August.			September.			Total fourth quarter.				Total for the year.		
	W.			W.			W.			W.				W.		
	C.			C.			C.			C.				C.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.		M.	F.	C.
CLASS III.—LOCAL.																
Order 2.—Circulatory.																
Aneurism of aorta, (thoracic).....															1	
Aneurism of innominate artery.....														1		
Aneurism of subclavian artery.....	1			3									4	2	1	
Angina pectoris.....																
Atrophy of heart.....														1	2	
Dropsy, (cardiac).....														1		
Embolism of brain.....														1		
Embolism of brain, (insolation).....	1													1		
Embolism of coronary artery.....														1		
Endocarditis.....																
Fatty degeneration of heart.....	1			1										1		
Heart clot.....	1															
Hypertrophy of heart.....														2	7	
Pericarditis.....														3	9	
Rheumatism of heart.....														3	3	
Rupture of aorta.....	1			2		2								1	4	
Rupture of jugular vein.....				1		1								2	5	
Stenosis, (aortic).....														2	17	
Thrombosis, (pulmonary artery).....														1	31	
Valvular disease of heart.....	3	2	1	1	1	1	4	2	1	3	8	5	3	1	2	
Total circulatory diseases.....	7	4	5	7	2	3	4	3	1	5	18	9	9	5	75	
Order 3.—Respiratory.																
Asthma.....																
Bronchial catarrh.....														1	1	
Bronchitis.....	3	1	1	3		1	2	1	1	6	2	3	2	21	82	
Congestion of lungs.....														7	13	
Congestion of lungs, (insolation).....	1			1			1			1		1		1	4	
Empyema.....														1	1	

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1875.												1876.																								
	October.						November.						December.						Total first quarter.						January.						February.						
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		
CLASS III.—LOCAL.																																					
Order 3.—Respiratory.																																					
Hemoptysis.....																																					
Laryngitis.....																																					
Edema glottidis.....																																					
Edema of lungs.....																																					
Pleuritis.....																																					
Pneumonia.....																																					
Total respiratory diseases.....																																					
Order 4.—Digestive.																																					
Abscess of liver.....																																					
Abscess of pharynx.....																																					
Acidities.....																																					
Atrophy of liver.....																																					
Cirrhosis of liver.....																																					
Colic.....																																					
Congestion of liver.....																																					
Dentition, (morbid).....																																					
Enteritis.....																																					
Gastritis.....																																					
Gastro-enteritis.....																																					
Hematemesis.....																																					
Hepatitis.....																																					
Hernia, (strangulated).....																																					
Hypertrophy of liver.....																																					
Intestinal catarrh.....																																					
Intussusception of intestine.....																																					
Jaundice.....																																					
Lardaceous liver.....																																					
Melancholia.....																																					

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

1878.

Cause of death.	March.			Total second quarter.						April.						May.						June.						Total third quarter.																					
	W.			C.			W.	F.	M.	F.	M.	F.	W.	F.	M.	F.	W.	F.	M.	F.	W.	F.	M.	F.	W.	F.	M.	F.																					
	M.	F.	C.	M.	F.	C.																							M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
CLASS III.—LOCAL.																																																	
Order 3.—Respiratory.																																																	
Hemoptysis.....	1	1	1	1	1	2	1																																										
Laryngitis.....																																																	
Cerebra glottidis.....																																																	
Edema of lungs.....																																																	
Pleuritis.....	1			2																																													
Pneumonia.....	90	23	15	44	34	57	46	11	11	25	19	10	5	15	11	9	4	2	23	16	44	32																											
Total respiratory diseases.....	90	27	31	19	63	48	73	68	16	18	28	21	11	7	15	13	3	6	7	30	25	49	40																										
Order 4.—Digestive.																																																	
Abscess of liver.....																																																	
Abscess of pharynx.....																																																	
Ascites.....																																																	
Atrophy of liver.....																																																	
Cirrhoals of liver.....	1			1																																													
Colic.....																																																	
Congestion of liver.....																																																	
Dentition (morbid).....																																																	
Enteritis.....	1			2																																													
Gastritis.....	1			4																																													
Gastro-enteritis.....	1			1																																													
Hematemesis.....	1			1																																													
Hepatitis.....	1			1																																													
Hernia (strangulated).....				1																																													
Hypertrophy of liver.....				1																																													
Intestinal catarrh.....				1																																													
Intussusception of intestine.....	1			2																																													
Jaundice.....																																																	
Lardaceous liver.....	1																																																
Melancholia.....																																																	

TABLE VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.																		Total deaths.
	July.						August.						September.						Total for the year.
	W.			C.			W.			C.			W.			C.			Total for the year.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		
CLASS III.—LOCAL. Order 3.— <i>Respiratory.</i>																			
Hemoptysis.....				1															8
Laryngitis.....																			3
Edema glottidis.....																			2
Edema of lungs.....																			2
Pleuritis.....																			3
Pneumonia.....	3	1	3	2	3	1	5	1	2	6	5	6	10	10	73	135	115	422	3
Total respiratory diseases.....	7	1	5	3	6	3	2	6	1	4	8	6	11	8	41	109	172	578	
Order 4.— <i>Digestive.</i>																			
Abscess of liver.....																			6
Abscess of pharynx.....																			1
Ascites.....																			1
Atrophy of liver.....																			1
Cirrhosis of liver.....				1	1		1												1
Colic.....	1	1	1										2	1	1	1	1	1	9
Congestion of liver.....	1	1	1										1	1	1	1	1	1	1
Dentition, (morbid).....													1	1	1	1	1	1	4
Enteritis.....	2	3		5	1	1	1	2	1	2	1	4	6	1	10	12	4	10	36
Gastritis.....	1	1	1										2	5	1	16	14	3	37
Gastro-enteritis.....													2	1	2	4	8	5	20
Hæmatemesis.....																			1
Hepatitis.....																			4
Hæmorrhage, (strangulated).....																			1
Hæmorrhage, (simple).....																			1
Intestinal hæmorrhage.....																			1
Intussusception of intestines.....																			1
Jaundice.....																			2
Lactation, (milk).....																			1
Measles.....																			1

TABLE NO. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1873.												1874.											
	October.				November.				December.				Total first quarter.				January.				February.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS III.—LOCAL DISEASES.																								
Order 4.—Digestive.																								
Obstruction of intestines.....																								
Peritonitis, (idiopathic).....																								
Pharyngitis.....	1								1	1			2	1							2	1		
Stomatitis.....									1				1											
Stricture of rectum.....																								
Ulceration of intestines.....	1												1								1			
Total digestive diseases.....	5	5	2	3	8	3	2	3	7	4	2	1	20	12	6	7	9	5	4		4	2	4	1
Order 5.—Urinary.																								
Cystitis.....																								
Diabetes.....									1				1								1			
Hypertrophy of prostate gland.....																								
Nephritis, (Bright's disease).....	1	1	1	2				2	3	3			6	4		3	4	2					1	
Nephritis.....	1							1	1				1	2	2									
Pyelitis.....																								
Stricture of urethra.....																								
Uremia.....																								
Total urinary diseases.....	1	2	1	1	2	1	1	3	5	3	1		8	6	3	4	4	2			1	1		1
Order 6.—Generative.																								
Gonorrhea, (pelvic).....																								
Hemorrhage, (puerperal).....																								
Metritis, (not puerperal).....								1																
Metro-peritonitis, (not puerperal).....	1															1								
Ovarian tumor.....								1																
Total generative diseases.....	1							1								2								

TABLE NO. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.																	
	March.						Total second quarter.						April.					
	W.			C.			W.			C.			W.			C.		
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
CLASS III.—LOCAL DISEASES. Order 4.— <i>Digestive.</i> Obstruction of intestines..... Peritonitis, (idiopathic)..... Pharyngitis..... Stomatitis..... Stricture of rectum..... Ulceration of intestines..... Total digestive diseases.....	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
Order 5.— <i>Urinary.</i> Cystitis..... Diabetes..... Hypertrophy of prostate gland..... Nephritis, (Bright's disease)..... Nephritis..... Pyelitis..... Stricture of urethra..... Uremia..... Total urinary diseases.....	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
Order 6.— <i>Generative.</i> Cellulitis, (pelvic)..... Hemorrhage, (puerperal)..... Metritis..... Metrorrhagia..... Ovarian tumor..... Total generative diseases.....	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	
	1	1		1	1		1	1		1	1		1	1		1	1	

TABLE NO. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.															
	July.				August.				September.				Total fourth quarter.			
	W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS III.—LOCAL DISEASES.																
Order 4.—Digestive.																
Obstruction of intestines.....			1										1	1	2	1
Peritonitis, (idiopathic).....				1	1	1							1	1	4	3
Pharyngitis.....																3
Stomatitis.....															1	
Stricture of rectum.....									1							
Ulceration of intestines.....															1	1
Total digestive diseases.....	7	7	6	7	7	3	5	3	5	5	3	5	19	15	73	55
Order 5.—Urinary.																
Cystitis.....								1						1	3	
Diabetes.....						1									1	1
Hypertrophy of prostate gland.....							1									
Nephritis, (Bright's disease).....	2						1	2					3	2	16	9
Nephritis.....				1			1						1	1	2	2
Fyritis.....															1	1
Stricture of urethra.....								1							1	
Uremia.....													2		2	
Total urinary diseases.....	2			1	3		1	4	2				9	2	27	11
Order 6.—Generative.																
Cellulitis, (pelvic).....																
Hæmorrhage, (puerperal).....															2	1
Metritis, (not puerperal).....	1												1			
Metropertinitis, (not puerperal).....							1								1	1
Ovarian tumor.....	1												1		2	
Total generative diseases.....	3							1					3		7	
Total deaths.....															32	196

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1875.												1876.											
	October.				November.				December.				Total first quarter.				January.				February.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS III.—LOCAL.																								
Order 7.— <i>Locomotor, (osseous.)</i>																								
Caries of temporal bone.....																								
Caries of vertebrae.....																								
Coxarum morbus.....																								
Lordosis, (cervical).....																								
Necrosis of clavicle and sternum.....																								
Necrosis of femur.....																								
Necrosis of hand.....																								
Rachitis.....																								
Total locomotory (osseous) diseases.....																								
Order 8.— <i>Locomotor, (integumentary.)</i>																								
Abscess of perineum.....																								
Abscess of thyroid gland.....																								
Adenitis.....																								
Carbuncle.....																								
Cellulitis.....																								
Eczema, (impetiginodes).....																								
Lupus exulcus.....																								
Scleroderma.....																								
Total locomotory (integumentary) diseases.....																								
Total local class.....																								
CLASS IV.—DEVELOPMENTAL.																								
Order 1.— <i>Children.</i>																								
Atelectasis pulmonum.....																								
Atresia ani.....																								
Congenital deformity.....																								
Deafity, (congenital).....																								
Hemiplegia, (congenital).....																								
Hydrocephalus, (congenital).....																								
Total class.....																								
Total local class.....																								

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.																		Total deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	July.						August.						September.							Total fourth quarter.						Total for the year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	W.			C.			W.			C.			W.			C.				W.			C.			W.			C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.		M.	F.	C.	M.	F.	C.	M.	F.	C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Class III.—LOCAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Order 7.—Locomotor, (osseous.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Caries of temporal bone.....																												1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.

	1873.						1874.					
	October.			November.			December.			Total first quarter.		
	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.
CLASS IV.—DEVELOPMENTAL.												
Order 1.—Children.												
Hernia.....	2	1	1	1	1	1	1	1	1	1	1	1
Icterus neonatorum.....	3	1	1	1	1	1	1	1	1	1	1	1
Premature birth.....	1	1	1	1	1	1	1	1	1	1	1	1
Preternatural birth.....	1	1	1	1	1	1	1	1	1	1	1	1
Spina bifida.....	1	1	1	1	1	1	1	1	1	1	1	1
Total developmental diseases children.....	5	3	3	2	2	3	2	4	9	2	3	3
Order 2.—Women.												
Abortion.....	1	1	1	1	1	1	1	1	1	1	1	1
Chloroels.....	1	1	1	1	1	1	1	1	1	1	1	1
Hæmorrhage, (postpartum).....	1	1	1	1	1	1	1	1	1	1	1	1
Hæmorrhage, (uterine).....	1	1	1	1	1	1	1	1	1	1	1	1
Metrorrhagia.....	1	1	1	1	1	1	1	1	1	1	1	1
Paralysis of heart during labor.....	1	1	1	1	1	1	1	1	1	1	1	1
Puerperal convulsions.....	1	1	1	1	1	1	1	1	1	1	1	1
Puerperal fever.....	1	1	1	1	1	1	1	1	1	1	1	1
Puerperal mania.....	1	1	1	1	1	1	1	1	1	1	1	1
Puerperal metritis.....	1	1	1	1	1	1	1	1	1	1	1	1
Puerperal metro-peritonitis.....	1	1	1	1	1	1	1	1	1	1	1	1
Puerperal peritonitis.....	1	1	1	1	1	1	1	1	1	1	1	1
Puerperal septæmia.....	1	1	1	1	1	1	1	1	1	1	1	1
Puerperal toxæmia.....	1	1	1	1	1	1	1	1	1	1	1	1
Rupture of uterus.....	1	1	1	1	1	1	1	1	1	1	1	1
Suppression mensium.....	1	1	1	1	1	1	1	1	1	1	1	1
Tedious labor, (exhaustion from).....	1	1	1	1	1	1	1	1	1	1	1	1
Total developmental diseases women.....	2	5	5	1	3	3	3	6	6	2	2	2
Order 3.—Old age.												
Debility, (senile).....	5	5	1	6	2	2	4	2	5	3	11	9
Gangrene, (senile).....	1	1	1	1	1	1	1	1	1	1	1	1
Total diseases of age.....	5	5	1	6	2	3	2	4	2	4	2	1

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.																							
	March.						Total second quarter.						April.						May.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
CLASS IV.—DEVELOPMENTAL.																								
Order 1.—Children.																								
Hernia.....																								
Icterus neonatorum.....																								
Premature birth.....	4	1	5	10	4	3	1	1	1	1	5	3	2	4	1	3	8	5	4	6				
Preternatural birth.....																								
Spina bifida.....	1						1																	
Total developmental diseases children.....	6	3	10	13	8	16	7	4	3	5	7	2	3	7	8	13	7	5	19	18	10	17		
Order 2.—Women.																								
Abortion.....																								
Chlorosis.....																								
Hæmorrhage, (postpartum).....	1						1																	
Hæmorrhage, (uterine).....													1											
Metrorrhagia.....																								
Paralysis of heart during labor.....																								
Puerperal convulsions.....																								
Puerperal fever.....																								
Puerperal mania.....																								
Puerperal metritis.....																								
Puerperal metritis-peritonitis.....																								
Puerperal peritonitis.....																								
Puerperal septicæmia.....																								
Puerperal toxæmia.....																								
Rupture of uterus.....																								
Suppression menstrum.....																								
Tedious labor, (exhaustion from).....	1	1					1																	
Total developmental diseases women.....	9	5					6			8						3	5		9			6		
Order 3.—Old age.																								
Debility, (senile).....	5	3	7	3	9	7	8	0	1	3	1	2	3	3	1				2	2	4	6	8	0
Diarrhoea, (senile).....																								
Total diseases of age.....	5	3	7	3	9	7	8	0	1	3	1	2	3	3	1				2	2	4	6	8	0

TABLE NO. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

1876.

Cause of death.	July.						August.						September.						Total fourth quarter.						Total for the year.						Total deaths.	
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
CLASS IV.—DEVELOPMENTAL.																																
Order 1.— <i>Children.</i>																																
Hernia.....																															1	
Tetanus neonatorum.....																															7	
Premature birth.....	1	1	1	5	4																										17	
Prenatural birth.....	1	1	1																												7	
Spina bifida.....																															1	
Total developmental diseases children.....	6	4	4	11	5	4																									198	
Order 2.— <i>Women.</i>																																
Abortion.....	1																														3	
Chlorosis.....																															1	
Hemorrhage, (postpartum).....	1																														4	
Hemorrhage, (uterine).....																															1	
Metrorrhagia.....																															1	
Paralysis of heart during labor.....																															1	
Puerperal convulsions.....	1			1																											1	
Puerperal fever.....																															8	
Puerperal mania.....																															2	
Puerperal metritis.....																															4	
Puerperal metro-peritonitis.....																															1	
Puerperal peritonitis.....	1																														1	
Puerperal septemia.....																															3	
Puerperal toxemia.....																															2	
Rupture of uterus.....																															1	
Suppressed menses.....																															1	
Tedious labor, (exhaustion from).....																															1	
Total developmental diseases women.....	4			2																											28	
Order 3.— <i>Old age.</i>																																
Debility, (senile).....	4	9	2	4	6	2	3	1	2	5	2	4	12	16	7	9	38	40													33	
Gangrene, (senile).....																															1	
Total diseases of age.....	4	9	2	4	6	2	3	1	2	5	2	4	12	16	7	9	40	41													34	
Total deaths.....																																53
																																141
																																1
																																146

TABLE No. VIII—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1875.												1876.											
	October.				November.				December.				Total first quarter.				January.				February.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS IV.—DEVELOPMENTAL.																								
Order 4.—Nutrition.																								
Asthemia																								
Atrophy																								
Total diseases of nutrition																								
Total developmental class	10	10	4	13	6	6	10	7	10	16	6	21	26	26	29	9	10	5	10	9	6	4	7	
CLASS V.—VIOLENT DEATHS.																								
Order 1.—Accidents and negligence.																								
Burned, (by clothing taking fire from hall gas-light)																								
Burned, (by clothing taking fire while ironing)																								
Burned, (by clothing taking fire while playing with fire)																								
Burned, (by clothing taking fire from candle during fit)																								
Burned, (by clothing taking fire)	1																							
Burned, (by clothing taking fire from coal oil)																								
Burned, (in house ignited from coal-oil explosion)																								
Burned, (in house ignited from building)																								
Concussion of brain, (fall against iron post)																								
Concussion of brain, (fall from arms of nurse)																								
Concussion of brain, (from blow)																								
Concussion of brain, (from being struck by railroad engine)																								
Concussion of brain, (from fall)																								
Unmated, (by falling of rock at quarry)																								

TABLE No. VIII.—Continued
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.											
	Total second quarter.						Total third quarter.					
	March.			April.			May.			June.		
	W.	C.		W.	C.		W.	C.		W.	C.	
	M.	F.		M.	F.		M.	F.		M.	F.	
CLASS IV.—DEVELOPMENTAL.												
Order 4.— <i>Nutrition.</i>												
Asthenia.....	2									2	5	1
Atrophy.....												
Total diseases of nutrition.....	2											
Total developmental class.....	13	8	17	9	31	94	26	6	6	1	10	12
CLASS V.—VIOLENT DEATHS.												
Order 1.— <i>Accidents and negligence.</i>												
Burned, (by clothing taking fire from hall gas-light).....												
Burned, (by clothing taking fire while ironing).....												
Burned, (by clothing taking fire while playing with fire).....												
Burned, (by clothing taking fire from candle during fit).....												
Burned, (by clothing taking fire).....												
Burned, (clothing taking fire from coal oil).....												
Burned, (in house ignited from coal-oil explosion).....												
Concussion of brain, (fall from building).....												
Concussion of brain, (fall from arms of pot).....												
Concussion of brain, (fall against iron post).....												
Concussion of brain, (from blow).....												
Concussion of brain, (from being struck by railroad engine).....												
Concussion of brain, (from fall).....												
Crushed, (by falling of rock at quarry).....												

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.																					Total deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	July.						August.						September.						Total fourth quarter.						Total for the year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	W.			C.			W.			C.			W.			C.			W.				C.			W.			C.			W.			C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.		F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
CLASS IV.—DEVELOPMENTAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

TABLE NO. VIII. Continued.

MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1873.												1876.											
	October.				November.				December.				Total first quarter.				January.				February.			
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS V.—VIOLENT DEATHS.																								
Order 1.—Accidents and negligence.																								
Drowned.....	1																							
Drowned, (accidental).....		1	1																					
Fracture of femur, (fall of bank of earth).....																								
Fracture of femur.....																								
Fracture of leg and thigh.....																								
Fracture of skull.....																								
Fracture of skull, (fall from building).....																								
Fracture of skull.....																								
Fracture of skull, (by blow).....																								
Fracture of skull, (by fall).....																								
Killed by blow on abdomen.....																								
Killed by lightning.....																								
Killed by railroad train.....																								
Neglected at birth.....																								
Poisoned by mother.....																								
Poisoned by alcohol.....																								
Poisoned by caustic potash.....																								
Poisoned by chloral hydrate.....																								
Poisoned by creosote.....																								
Poisoned by eating matches.....																								
Poisoned by morphia.....																								
Skald.....																								
Shock from fright.....																								
Shock from surgical operation.....																								
Shot, (accidental).....																								
Shot, (accidental).....																								
Strangulation, (accidental).....																								
Strangulation, (asphyxia).....																								
Wound, gunshot.....																								
Wound, gunshot, (accidental).....																								
Total deaths from accidents and negligence.....	3	3	2	1	3	1	1	7	1	2	3	2	7	6	10	2	1	2	1	2	1	2	1	2

TABLE NO. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.											
	March.			Total second quarter.			April.			May.		
	W.	M.	F.	W.	M.	F.	W.	M.	F.	W.	M.	F.
CLASS V.—VIOLENT DEATHS.												
Order 1.—Accidents and negligence.												
Drowned (accidental).....	1			1								
Fracture of femur (fall of bank of earth).....	2			2			1					
Fracture of femur.....												
Fracture of leg and thigh.....					1		1					
Fracture of skull (fall from building).....												
Fracture of skull.....							1					
Fracture of skull (by blow).....												
Fracture of skull (by fall).....												
Killed by blow on abdomen.....					1							
Killed by lightning.....												
Killed by railroad train.....												
Neglect at birth.....		1			3		2			1		1
Overlying by mother.....												
Poisoned by alcohol.....								1				
Poisoned by caustic potash.....												
Poisoned by chloral hydrate.....	1			1								
Poisoned by creosote.....					1							
Poisoned by eating matches.....												
Poisoned by morphia.....										1		
Scald.....												
Shock from fright.....		1			1							
Shock from surgical operation.....										1		1
Strangled (accidental).....												
Strangled, (accidental).....												
Strangulation (asphyxia).....												
Wound gunshot.....												
Wound, gunshot, (accidental).....												
Total deaths from accidents and negligence.....	4	1	1	6	1	3	3	1	2	3	7	4

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1873.												1876.			
	October.			November.			December.			Total first quar- ter.			January.		February.	
	W.	M.	C.	W.	M.	C.	W.	M.	C.	W.	M.	C.	W.	M.	W.	C.
By stabbing.....																
By fracture of skull.....																
By fracture of skull by blow.....																
Infanticide.....	1									1						
Total homicidal deaths.....	1									1						
Order 3.— <i>Suicide.</i>																
By poison, (arsenicum).....							1			1						
By poison, (aconite).....																
Total suicidal deaths.....							1			1						
Total violent cases.....	3	4	2	1	3	1	2	3	3	8	7	6	3	1	2	1
Grand total all causes.....	64	83	85	78	65	57	77	70	90	219	218	222	81	79	91	85
	147	170		143	142		147	146		437	458		160	137	148	162
	317			2-5			283			865			297		310	

TABLE NO. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

1876.

Cause of death.	March.						Total second quarter.						April.						May.						June.						Total third quarter.																																																																																																										
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.																																																																																																							
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.																																																																																																												
Order 2.—Homicide.																																																																																																																																									
By stabbing																																																																																																																																									
By fracture of skull																																																																																																																																									
Fracture of skull by blow																																																																																																																																									
Infanticide																																																																																																																																									
Total homicidal deaths																																																																																																																																									
Order 3.—Suicide.																																																																																																																																									
By poison, (laudanum)																																																																																																																																									
By poison, (aconite)																																																																																																																																									
Total suicidal deaths																																																																																																																																									
Total violent class																																																																																																																																									
Grand total all classes																																																																																																																																									
109						83						96						77						281						219						236						77						66						75						78						70						71						64						74						135						118						123						115						232						255						202						207					
192						173						500						472						143						153						141						138						239						253						537						529																																																																							
365						972						296						491						1,066																																																																																																																	

TABLE No. VIII.—Continued.
MONTHLY MORTALITY OF THE DISTRICT OF COLUMBIA, IN CLASSES AND ORDERS, BY SEX AND COLOR.

Cause of death.	1876.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	July.						August.						September.						Total fourth quarter.						Total for the year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	W.			C.			W.			C.			W.			C.			W.			C.			W.			C.			W.			C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.

TABLE No. IX.

MORTALITY FROM DIARRHEAL DISEASES IN THE DISTRICT OF COLUMBIA, WITH PERCENTAGES,

REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Under 1 month.					From 1 to 4 months.					From 4 to 8 months.				
	W.		C.		Total	W.		C.		Total	W.		C.		Total
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
Cholera infantum.....	4	4	5	.....	13	19	20	10	14	63	27	27	22	20	96
Cholera morbus.....	3	3	2	.....	11	5	6	11	11	33	4	3	11	5	22
Diarrhoea.....	.....	.....	.....	1	1	.....	.....	.....	.....	3	.....	.....	.....	.....	3
Dysentery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total diarrhoeal diseases.....	7	7	7	4	25	24	27	22	26	99	31	32	34	26	122
Percentage cholera infantum under 5 years.....	1,290	1,290	1,623	.....	4,221	6,169	6,493	3,247	4,543	20,454	8,766	8,716	7,143	6,494	31,169
Percentage cholera infantum to total mortality all ages.....	0.04	0.04	0.11	.....	0.30	0.47	0.41	0.23	0.30	1.484	0.36	0.36	0.51	0.47	2.261
Percentage cholera infantum to total mortality under 5 years.....	1.94	1.94	2.42	.....	6.30	9.21	9.69	4.84	6.78	3.032	1.308	1.308	1.066	0.969	4.651
Percentage cholera morbus under 5 years.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage cholera morbus all ages.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage cholera morbus to total mortality all ages.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage cholera morbus to total mortality under 5 years.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage diarrhoea under 5 years.....	2,479	2,479	1,623	2,479	9,060	4,128	4,059	9,091	9,091	27,273	3,306	1,653	9,091	4,132	18,143
Percentage diarrhoea all ages.....	2,128	2,128	1,417	2,128	7,692	3,546	4,255	7,801	7,801	23,401	2,837	1,418	7,801	3,546	15,603
Percentage diarrhoea to total mortality all ages.....	0.71	0.71	0.47	0.71	2.59	1.16	1.41	2.59	2.59	7.77	0.94	0.97	2.89	1.18	5.17
Percentage diarrhoea to total mortality under 5 years.....	1.45	1.46	0.97	1.45	5.33	2.43	2.91	5.33	5.33	1.599	1.194	0.97	5.33	2.43	1,066
Percentage dysentery under 5 years.....	.....	.....	.....	3,846	3,846	.....	3,846	3,846	3,846	11,538	.....	11,539	3,846	3,846	19,221
Percentage dysentery all ages.....	.....	.....	.....	2	2	.....	2	2	2	6	.....	6	2	2	10
Percentage dysentery to total mortality all ages.....	.....	.....	.....	0.34	0.21	.....	0.23	0.24	0.24	0.71	.....	0.70	0.24	0.24	1.17
Percentage dysentery to total mortality under 5 years.....	.....	.....	.....	0.49	0.49	.....	0.48	0.49	0.48	1.45	.....	1.45	0.48	0.48	2.842

RECAPITULATION OF DIARRHEAL DISEASES—PERCENTAGES.

Percentage diarrhoeal diseases under 5 years.....	1,535	1,535	1,535	577	5,485	5,293	5,921	4,824	5,702	21,716	6,798	7,018	7,456	5,702	36,974
Percentage diarrhoeal diseases all ages.....	1,384	1,384	1,384	791	4,941	4,743	5,336	4,347	5,138	19,565	6,127	6,294	6,719	5,138	24,307
Percentage diarrhoeal diseases to total mortality all ages.....	1.65	1.65	1.65	0.64	5.80	5.65	6.36	5.17	6.12	2.311	1.70	1.70	1.80	1.612	2,897
Percentage diarrhoeal diseases to total mortality under 5 years.....	3.39	3.39	3.39	1.94	1,211	1,163	1,305	1,066	1,259	4,796	1,502	1,550	1,648	1,259	5,959

TABLE No. IX—Continued.

MORTALITY FROM DIARRHEAL DISEASES IN THE DISTRICT OF COLUMBIA, WITH PERCENTAGES,

REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	From 8 to 12 months.						Total under 1 year.						From 1 to 2 years.					
	W.			C.			W.			C.			W.			C.		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
Cholera infantum	19	16	35	14	63	77	69	67	53	4	227	25	16	14	12	64		
Cholera morbus	1	1	2	7	22	29	16	13	33	26	85	4	2	10	11	3		
Diarrhoea	4	2	6	3	6	9	6	5	5	4	15	2	3	3	3	2		
Dysentery	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1		
Total diarrheal diseases	24	20	44	22	94	116	86	86	91	78	341	27	21	23	26	99		
Percentage, cholera infantum under 5 years	6.168	5.195	5.195	4.546	21.104	22.402	21.753	17.308	15.585	76.948	7.143	5.195	4.546	3.896	30.779			
Percentage, cholera infantum to total mortality all ages .....	.447	.377	.377	.330	1.531	1.625	1.574	1.248	1.130	5.581	.518	.376	.330	.283	1.507			
Percentage, cholera infantum to total mortality under 5 years .....	.921	.775	.775	.678	3.140	3.343	3.246	2.568	2.325	11.422	1.088	.775	.678	.581	3.100			
Percentage, cholera morbus under 5 years	100						100			100								
Percentage, cholera morbus to total mortality all ages	14.286	.024	.024	.024	.024	.024	14.286	.024	.024	.017	.017	.017						
Percentage, cholera morbus to total mortality under 5 years .....	.048						.048			.017								
Percentage, diarrhoea under 5 years	3.306	1.653	7.438	5.745	18.182	13.293	10.744	27.371	31.477	72.727	3.306	1.653	8.264	9.001	22.314			
Percentage, diarrhoea all ages	2.837	1.418	6.383	4.965	15.603	11.316	9.219	23.404	18.441	62.412	2.837	1.418	7.092	7.801	19.149			
Percentage, diarrhoea to total mortality all ages .....	.084	.047	.047	.105	.514	.377	.306	.777	.612	2.072	.094	.047	.236	.250	.636			
Percentage, diarrhoea to total mortality under 5 years .....	.194	.097	.436	.333	1.066	.775	.631	1.599	1.259	4.264	.194	.097	.464	.533	1.306			
Percentage, dysentery under 5 years	3.846	3.846	11.539	3.846	21.077	3.846	19.231	19.231	15.384	57.692	7.692	11.539	11.539	10.760				
Percentage, dysentery all ages	2	2	4	12	2	2	10	10	8	30	4	6	6	6	16			
Percentage, dysentery to total mortality all ages .....	.023	.024	.024	.024	.024	.023	.117	.117	.096	.354	.047	.071	.071	.070	.148			
Percentage, dysentery to total mortality under 5 years .....	.019	.049	.145	.048	.021	.019	.242	.242	.194	.727	.037	.145	.145	.146	.382			

RECAPITULATION OF DIARRHEAL DISEASES.—PERCENTAGES.

Percentage, diarrhoeal diseases under 5 years	5.303	4.306	6.141	4.931	20.614	12.459	18.869	19.956	17.105	74.750	6.141	4.306	5.293	5.923	21.711			
Percentage, diarrhoeal diseases to total mortality all ages	6.713	3.054	5.531	4.918	12.577	16.096	16.996	17.113	13.116	67.411	3.535	4.131	4.713	5.138	19.515			
Percentage, diarrhoeal diseases to total mortality under 5 years	1.163	.504	1.163	1.066	4.564	4.166	4.166	4.166	3.347	16.231	1.337	1.017	1.163	1.259	4.796			

TABLE No. IX.—Continued.
MORTALITY FROM DIARRHOEAL DISEASES IN THE DISTRICT OF COLUMBIA, WITH PERCENTAGES,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	From 2 to 3 years.						From 3 to 4 years.						From 4 to 5 years.					
	W.		C.		Total.		W.		C.		Total.		W.		C.		Total.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Cholera infantum	1	...	2	3	6	...	...	...	...	...	...	...	1	...	...	...	1	...
Cholera morbus .....	...	2	3	1	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea .....	...	3	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total diarrhoeal diseases	1	2	8	4	13	...	...	...	...	...	...	...	1	...	...	...	1	...
Percentage cholera infantum under 5 years .....	.325	...	.649	.974	1.948	...	...	...	...	...	...	...	.325	...	...	...	.325	...
Percentage cholera infantum to total mortality all ages .....	.025	...	.047	.071	.141	...	...	...	...	...	...	...	.021	...	...	...	.021	...
Percentage cholera infantum to total mortality under 5 years .....	.048	...	.097	.145	.290	...	...	...	...	...	...	...	.048	...	...	...	.048	...
Percentage cholera morbus under 5 years .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage cholera morbus all ages .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage cholera morbus to total mortality all ages .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage cholera morbus to total mortality under 5 years .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage diarrhoea under 5 years	1.633	2.479	.827	4.959	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage diarrhoea all ages	1.418	2.134	.709	4.255	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage diarrhoea to total mortality all ages .....	.047	.070	.024	.141	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage diarrhoea to total mortality under 5 years .....	.097	.145	.049	.291	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage dysentery under 5 years .....	...	...	.11	.539	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage dysentery all ages .....	...	...	.6	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage dysentery to total mortality all ages .....	.071	...	.071	...	.071	...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage dysentery to total mortality under 5 years .....	...	...	.145	...	.145	...	...	...	...	...	...	...	...	...	...	...	...	...
RECAPITULATION OF DIARRHOEAL DISEASES.—PERCENTAGES.																		
Percentage diarrhoeal diseases under 5 years .....	.219	.439	1.755	.677	3.290	...	...	...	...	...	...	...	.219	...	...	...	.219	...
Percentage diarrhoeal diseases all ages .....	.198	.365	1.581	.791	2.965	...	...	...	...	...	...	...	.198	...	...	...	.198	...
Percentage diarrhoeal diseases to total mortality all ages .....	.024	.047	.188	.094	.353	...	...	...	...	...	...	...	.024	...	...	...	.024	...
Percentage diarrhoeal diseases to total mortality under 5 years .....	.048	.097	.388	.194	.727	...	...	...	...	...	...	...	.048	...	...	...	.048	...

TABLE No. IX.—Continued.
MORTALITY FROM DIARRHEAL DISEASES IN THE DISTRICT OF COLUMBIA, WITH PERCENTAGES,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 5 years.						Total above 5 years.						Total all ages.					
	W.			C.			W.			C.			W.			C.		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
Total diarrheal diseases	116	109	225	108	436	544	15	19	34	10	6	16	131	128	259	114	114	228
Cholera infantum.....	93	83	176	63	308	371	2	2	4	2	2	4	93	83	176	63	63	126
Cholera morbus.....	20	17	37	38	121	159	4	9	13	8	7	15	29	25	54	47	40	87
Diarrhea.....	3	8	11	7	208	215	4	9	13	4	24	28	7	17	24	15	11	26
Dysentery.....	116	109	225	108	436	544	15	19	34	10	6	16	131	128	259	114	114	228
Total diarrheal diseases	30,195	28,948	59,143	20,454	100	100	30,195	28,948	59,143	20,454	100	100	30,195	28,948	59,143	20,454	100	100
Percentage, cholera infantum under 5 years.....	2,190	1,955	4,145	7,253	7,253	7,253	2,190	1,955	4,145	7,253	7,253	7,253	2,190	1,955	4,145	7,253	7,253	7,253
Percentage, cholera morbus under 5 years.....	4,506	4,021	8,527	3,052	14,922	14,922	4,506	4,021	8,527	3,052	14,922	14,922	4,506	4,021	8,527	3,052	14,922	14,922
Percentage, cholera morbus all ages.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Percentage, cholera morbus to total mortality all ages.....	14,286	12,857	27,143	894	894	894	14,286	12,857	27,143	894	894	894	14,286	12,857	27,143	894	894	894
Percentage, cholera morbus to total mortality under 5 years.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Percentage, diarrheal diseases under 5 years.....	16,520	14,050	30,570	31,405	100	100	16,520	14,050	30,570	31,405	100	100	16,520	14,050	30,570	31,405	100	100
Percentage, diarrheal diseases all ages.....	14,153	12,055	26,208	26,952	85,811	85,811	14,153	12,055	26,208	26,952	85,811	85,811	14,153	12,055	26,208	26,952	85,811	85,811
Percentage, diarrheal diseases to total mortality all ages.....	471	401	872	895	2,850	2,850	471	401	872	895	2,850	2,850	471	401	872	895	2,850	2,850
Percentage, diarrheal diseases to total mortality under 5 years.....	969	825	1,794	1,641	5,863	5,863	969	825	1,794	1,641	5,863	5,863	969	825	1,794	1,641	5,863	5,863
Percentage, dysentery under 5 years.....	11,538	30,770	42,308	26,923	100	100	11,538	30,770	42,308	26,923	100	100	11,538	30,770	42,308	26,923	100	100
Percentage, dysentery all ages.....	6,070	1,184	7,254	1,166	611	611	6,070	1,184	7,254	1,166	611	611	6,070	1,184	7,254	1,166	611	611
Percentage, dysentery to total mortality all ages.....	140	367	507	940	1,260	1,260	140	367	507	940	1,260	1,260	140	367	507	940	1,260	1,260
Percentage, dysentery to total mortality under 5 years.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
RECAPITULATION OF DIARRHEAL DISEASES.—PERCENTAGES.																		
Percentage, diarrheal diseases under 5 years.....	25,419	23,001	48,420	23,684	100	100	25,419	23,001	48,420	23,684	100	100	25,419	23,001	48,420	23,684	100	100
Percentage, diarrheal diseases all ages.....	22,925	21,513	44,438	21,513	90,119	90,119	22,925	21,513	44,438	21,513	90,119	90,119	22,925	21,513	44,438	21,513	90,119	90,119
Percentage, diarrheal diseases to total mortality all ages.....	2,711	2,444	5,155	5,155	1,411	1,411	2,711	2,444	5,155	5,155	1,411	1,411	2,711	2,444	5,155	5,155	1,411	1,411
Percentage, diarrheal diseases to total mortality under 5 years.....	6,630	5,426	12,056	12,056	3,241	3,241	6,630	5,426	12,056	12,056	3,241	3,241	6,630	5,426	12,056	12,056	3,241	3,241

TABLE No. X.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Causes of death.	Under 1 month.						From 1 to 4 months.						From 4 to 8 months.						From 8 to 12 months.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
CLASS I.—ZYMOTIC.																								
Cholera infantum.....	4	4		5	0		19	20		10	14		27	27		22	20		19	16		16	14	
Cholera morbus.....																								
Croup.....																								
Diarrhea.....	3	3		2	3		5	6		11	11		4	2		11	5		2	4		9	7	
Diphtheria.....							1	1		1	1		1	1		1	1		1	1		1	1	
Dysentery.....																								
Enterocolitis.....	1	1		1	1		2	2		5	6		4	1		2	2		1	1		1	4	
Erysipelas.....							1	1																
Fever, bilious.....																								
Fever, cerebro-spinal.....							1	1					1	1					1	1			1	
Fever, congestive.....							1	1		1														
Fever, intermittent.....																								
Fever, remittent.....							1	1					1	1					1	1				
Fever, scarlet.....																								
Fever, typhoid.....																								
Fever, typho-malarial.....																								
Malaria.....																								
Measles.....																								
Pyæmia.....																								
Tonsillitis.....																								
Varicella.....																								
Whooping-cough.....	2	1		2			1	3		2	2		1	1		1	2		1	2		2	1	
Syphilis (congenital).....																								
Ictæritis.....	8	5		3	6		6	3		5	7		3	3		4	1		2	2		4	4	
Purpura hemorrhagica.....																								
Apthæ.....	3			8	1		1	1			1		1	1		1			1	1		1	2	
Worms.....																								
Total from zymotic diseases.....	21	15		24	14		35	40		37	46		44	35		47	34		33	37		33	37	
Percentage to total mortality under 5 years.....	1.017	.727		1.163	.678		1.696	1.938		1.792	2.229		2.132	1.696		2.277	1.647		1.599	1.308		1.599	1.792	
Percentage to total mortality all causes.....	.405	.353		.565	.330		.824	.942		.871	1.083		1.036	.834		1.107	.801		.777	.636		.777	.871	
CLASS II.—CONSTITUTIONAL.																								
Anæmia.....																								
Anæsarca.....																								

TABLE No. X.—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Causes of death.	Total under 1 year.						From 1 to 2 years.						From 2 to 3 years.						From 3 to 4 years.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Class I.—ZYMOTIC.																								
Cholera infantum	69	67		53	48		22	16		14	12		1			2	3							
Cholera morbus	2	1		1	6		2	5		1	2		3	1		1	2							
Croup	16	13		33	26		4	2		10	11		3	3		1	2							
Diarrhoea	3	2		1	2		6	3		2	2		1	2		3	1							
Diphtheria	1	5		5	4		2	3		3	3		3	1		1	1							
Dysentery	5	4		9	13		3	3		2	3		1	1		1	1							
Enterocolitis	1	2		3	1																			
Erysipelas	•	3		1	1		1	2		3	1					1	1							
Fever, bilious		2		1	1																			
Fever, cerebro-spinal		1		1	1																			
Fever, congestive		1																						
Fever, intermittent		1		1	1																			
Fever, remittent		2		2			4	5		1	1		5	3		2	1							
Fever, scarlet							2	1		1	1		2	1		1								
Fever, typhoid																								
Fever, typho-malarial		1					2	1		1	1													
Mecles																								
Measles																								
Pyæmia							1																	
Tonsillitis							1	1																
Varicella							1	2																
Whooping-cough	5	3		5	3		2	3		5	4					1	1							
Syphilis, (congenital)		1		6	3			1		1	1													
Inanition	19	10		12	18		1	1		1	4													
Purpura hæmorrhagica	1																							
Aphthæ	5	1		9	4		1	2		1														
Worms				1																				
Total from zymotic diseases	133	117		141	131		50	47		39	48		13	12		17	11		6	9		8	5	
Percentage to total mortality under 5 years	6.444	5.663		6.831	6.346		2.422	2.277		1.889	2.396		6.80	5.92		2.91	5.53		2.01	4.96		3.67	2.42	
Percentage to total mortality, all causes	3.139	2.755		3.320	3.083		1.178	1.107		.918	1.131		.306	.260		.401	.288		.141	.212		.189	.118	
Class II.—CONSTITUTIONAL																								
And total																								
All causes																								

TABLE No X Continued.

MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Causes of death.	From 4 to 5 years.				Total under 5 years.				Total.	Percentage each cause to total mortality under 5 years of age.	Percentage each cause to total mortality.
	W.		C.		W.		C.				
	M.	F.	M.	F.	M.	F.	M.	F.			
	CLASS I.—ZYMOTIC.										
Cholera infantum.....	1				93	83	69	63	308	14.923	7.253
Cholera morbus.....						1			1	.048	.024
Croup.....		3			8	13	4	4	35	1.696	1.824
Diphtheria.....					20	17	46	34	121	5.862	2.850
Dysentery.....	4				19	9	2	3	33	1.599	.777
Enterocolitis.....					3	8	7	7	26	1.260	.612
Erysipelas.....					8	7	12	17	44	2.132	1.036
Fever, bilious.....					1	3	4	1	9	.436	.212
Fever, cerebro-spinal.....									1	.024	.024
Fever, congestive.....					3	4	3		13	.630	.306
Fever, intermittent.....							1	1	2	.097	.047
Fever, remittent.....					1	2	3	6	12	.581	.283
Fever, scarlet.....	3		1		14	14	3	1	32	1.550	.754
Fever, typhoid.....					2	1	2	2	7	.339	.165
Fever, typho-malarial.....					2	2	2	1	7	.339	.165
Mesenteric.....					1	1		1	2	.097	.047
Pyæmia.....									1	.024	.024
Tonsillitis.....					1		1		2	.097	.047
Varicella.....							1		2	.097	.047
Whooping-cough.....					7	6	11	4	33	1.599	.777
Syphilis, (congenital).....							1	9	14	.630	.306
Inanition.....					19	11	13	23	66	3.194	1.554
Purpura hemorrhagica.....					5	3	10	4	22	1.066	.518
Aphthæ.....							1		1	.049	.024
Worms.....											
Total from zymotic diseases.....	8	3	1	2	210	188	506	197	801	.....	.....
Percentage to total mortality under 5 years.....	3.88	.145	.049	.097	10.175	9.109	9.980	9.344	34.808	.....	.....
Percentage to total mortality, all causes.....	1.89	.071	.024	.047	4.946	4.438	4.852	4.639	.....	.....	14.865
CLASS II.—CONSTITUTIONAL.											
Anæmia.....							1		1	.048	.023
Anasarca.....								2	3	.145	.071

TABLE No. X.—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Causes of death.	Under 1 month.			From 1 to 4 months.			From 4 to 8 months.			From 8 to 12 months.		
	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS II.—CONSTITUTIONAL.												
Marasmus.....	1	1	1	3	4	1	3	4	3	3	4	3
Rheumatism.....												
Hydrocephalus.....	1					2	3	1	4	1	2	1
Scrofula.....						1						
Tubes mesentericae.....	1	1	1	1	1	3	2	2	3	2	1	4
Tubercular bronchitis.....						2			1			2
Tubercular enteritis.....												
Tubercular meningitis.....						1	1	1	1			2
Tubercular peritonitis.....												
Tuberculoæ.....												
Total from constitutional class.....	2	2	2	4	6	11	7	8	12	6	3	12
Percentage to total mortality under 5 years.....	.097	.097	.097	.194	.291	.533	.339	.381	.582	.291	.145	.387
Percentage to total mortality, all causes.....	.047	.047	.047	.094	.141	.259	.165	.189	.283	.141	.071	.188
CLASS III.—LOCAL.												
Apoplexy, (cerebral).....												
Atrophy, (spinal).....												
Congestion of brain.....	2	8	17	1	9	8	1	6	3	8	4	1
Convulsions, (infantile).....	12	8	26	8	9	8	4	6	12	8	3	15
Epilepsy.....	1	1										
Inflammation of brain.....							1	2		1	2	1
Laryngismus stridulus.....												
Resignitus.....												
Myelitis.....	2	2	1	1	1	1	4	6	2	1	2	2
Paraplegia.....												
Pott's disease of spine.....												
Trismus nascentium.....	9	7	31									
Endocarditis.....												
Pericarditis.....												
Thrombosis, (pulmonary artery).....										1		
Valvular disease of heart.....	1											
Asthma.....												
Bronchial catarrh.....												
Hæmorrhage.....												
Obstruction of lungs.....												

TABLE No. X.—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1870.

Causes of death.	Total under 1 year.						From 1 to 2 years.						From 2 to 3 years.						From 3 to 4 years.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Class II.—CONSTITUTIONAL.																								
Marasmus.....	7	13	6																					
Rheumatism.....																								
Hydrocephalus.....	6	4	7	4			4	2		2	1													
Scorbutus.....	2	6	14	10			2	2		13	11													
Tubercular bronchitis.....			3	2						2	1													
Tubercular enteritis.....																								
Tubercular meningitis.....	1	1	1	3			1	6		3														
Tubercular peritonitis.....																								
Tuberculous.....																								
Total from constitutional class.....	16	27	33		27		9	11		27	25		5	4		8	14		2	1		1	10	
Percentage to total mortality under 5 years.....	.775	1.306	1.599	1.306			.436	.533		1.306	1.211		.242	.194		.388	.678		.097	.048		.048	.465	
Percentage to total mortality, all causes.....	.377	.636	.777	.636			.212	.239		.636	.549		.118	.094		.169	.330		.047	.024		.027	.246	
Class III.—LOCAL.																								
Apoplexy, (cerebral).....							1																	
Atrophy, (epinal).....																								
Congestion of brain.....	6	8	5				2	2		3														
Convulsions, (infantile).....	27	29	61	41			7	5		8	7		2	3		2	1		1					
Epilepsy.....	1																							
Inflammation of brain.....	3	4	2																					
Laryngismus stridulus.....																								
Meningitis.....	9	12	5	2			4	6		4	3		2	2		3	1							
Myelitis.....																								
Paraplegia.....																								
Pott's disease of spine.....																								
Trismus nascentium.....	9	7	37	31						1														
Endocarditis.....																								
Pericarditis.....																								
Thrombosis, (pulmonary artery).....																								
Valvular disease of heart.....	1		1					1																
Asthma.....																								
Bronchial catarrh.....	7	10	9	9			1	4		3	6		1	1		1								
Bronchitis.....	2	2	4	8				2		2	1													
Congestion of lungs.....																								

TABLE No. X.—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Causes of death.	From 4 to 5 years.				Total under 5 years.				Total.	Percentage each cause to total mortality under 5 years of age.	Percentage each cause to total mortality.	
	W.		C.		W.		C.					
	M.	F.	M.	F.	M.	F.	M.	F.				
CLASS II.—CONSTITUTIONAL.												
Marasmus.....		1			9	17	13	18	57	2,761	1,343	
Rheumatism.....					1	1			1	.049	.023	
Hydrocephalus.....				1	11	6	9	8	34	1,647	.801	
Scrofula.....				2	2	8	34	39	87	388	188	
Tubercle mesenterica.....					6	8	5	3	8	4,215	2,049	
Tubercular bronchitis.....								1	1	.398	.188	
Tubercular enteritis.....										.049	.024	
Tubercular meningitis.....	1				4	9	6	4	22	1,114	.542	
Tubercular peritonitis.....				1				2	1	.097	.047	
Tuberculoæ.....									1	.049	.024	
Total from constitutional class.....	1	1		4	33	44	69	80	226	.....	.....
Percentage to total mortality under 5 years.....	.049	.049		.194	1,569	2,132	3,343	3,876	.....	10,950	.....
Percentage to total mortality, all causes.....	.023	.023		.094	.777	1,036	1,025	1,885	.....	.....	5,323
CLASS III.—LOCAL.												
Apoplexy, (cerebral).....					1			1	2	.097	.047	
Atrophy, (spinal).....								1	1	.048	.023	
Congestion of brain.....	2			1	9	12	11	2	34	1,647	.801	
Convulsions, (infantile).....					36	37	71	49	133	9,351	4,545	
Epilepsy.....				1	1	1	3	2	3	.145	.071	
Inflammation of brain.....					3	4	1	8	16	.775	.377	
Laryngismus stridulus.....					15	21	13	1	1	.048	.024	
Meningitis.....	1			1				7	56	2,713	1,319	
Myelitis.....										.048	.024	
Paraplegia.....									1	.048	.024	
Pott's disease of spine.....							1		1	.048	.024	
Triamus nascentium.....					9	7	37	31	84	4,070	1,978	
Rheumatism.....							1			.048	.024	
Rheumatoid.....										.097	.047	
Pericarditis.....					2				2	.048	.024	
Thrombosis, (pulmonary artery).....								1	1	.048	.024	
Valvular disease of heart.....					1	1	1		3	.048	.024	
Anthrax.....									1	.048	.024	
Bronchitis.....									17	2,049	1,043	
Foreign body at birth.....									10	.048	.024	
Foreign body of bone.....									2	.048	.024	

TABLE No. 8. Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1896.

Cause of death.	Under 1 month.						From 1 to 4 months.						From 4 to 8 months.						From 8 to 12 months.						
	W.		C.		W.		C.		W.		C.		W.		C.		W.		C.						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
CLASS III.—LOCAL.																									
Hemoptysis.....																									
Laryngitis.....																									
Edema glottidis.....																									
Edema of lungs.....	2	1	2	4		3	5	11									8	3	25	14	3		18	10	
Pneumonia.....																									
Abscess of pharynx.....																									
Colic.....	2	1																							
Congestion of liver.....	1																								
Dysentery (morbid).....																									
Enteritis.....																									
Gastritis.....																									
Gastroenteritis.....																									
Hernia (strangulated).....																									
Intestinal catarrh.....																									
Intussusception of intestines.....																									
Jaundice.....																									
Melena.....																									
Obstruction of intestines.....																									
Pharyngitis.....																									
Stomatitis.....																									
Nephritis (Bright's disease).....	1	1																							
Nephritis.....																									
Hemorrhage (puerperal).....																									
Caries of temporal bone.....																									
Lordosis (cervical).....																									
Necrosis of hand.....																									
Rachitis.....																									
Abscess of perineum.....																									
Adenitis.....																									
Carcinoma.....																									
Cellulitis.....																									
Eczema impetiginodes.....																									
Scleroderma.....																									
Total from local class.....	33	26	71	54		18	24	31		31		31		27		24		46		34		19	20	41	25
Percentage to total mortality under five years.....	1.56	1.260	3.440	2.616		.872	1.163	1.502		1.509		1.509		1.308		1.163		2.220		1.647		1.940	.969	1.946	1.211
Percentage to total mortality from all causes.....	.777	.613	1.672	1.272		.424	.505	.720		.777		.720		.636		.505		1.083		.801		.448	.471	.966	.589

TABLE No. X—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 1 year.						From 1 to 2 years.						From 2 to 3 years.						From 3 to 4 years.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
CLASS III.—LOCAL.																								
Hemoptysis.....																								
Laryngitis.....																								
Otitis media.....																								
Edema of lungs.....																								
Pneumonia.....	16	9	56	39			4	23	25				5	3	7	12	3	1	5	5				
Abscess of pharynx.....																								
Colic.....	2	1																						
Congestion of liver.....	1																							
Dentition, (morbid).....																								
Enteritis.....	4	3											1	1		2								
Gastritis.....	2	1											1	1										
Gastroenteritis.....	1	3											1											
Hernia, (strangulated).....																								
Intestinal catarrh.....																								
Intussusception of intestines.....																								
Jaundice.....																								
Melena.....																								
Obstruction of intestines.....																								
Pharyngitis.....																								
Stomatitis.....	1																							
Nephritis, (Bright's disease).....																								
Nephritis.....																								
Hemorrhage, (pendental).....																								
Caries of temporal bone.....																								
Lordosis, (cervical).....																								
Necrosis of hand.....																								
Rachitis.....																								
Abscess of perineum.....																								
Adenitis.....																								
Carbuncle.....																								
Cellulitis.....																								
Erysipelas impetiginosus.....																								
Melanoderma.....																								
Total from local class.....	97	94	149	146			37	51	52				11	10	18	23	6	6	11	8				
Percentage to total mortality under five years.....	6.09	4.56	9.15	7.63			1.66	2.41	2.53				.53	.44	.87	1.14	.20	.20	.53	.36				
Percentage to total mortality from all causes.....	2.5	2.41	4.4	3.69			6.3	3.20	3.24				.229	.206	.43	.542	.11	.141	.259	.148				

MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
TABLE No. X.—Continued.
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	From 4 to 5 years.				Total under 5 years.				Total.	Percentage each cause to total mortality under 5 years of age.	Percentage each cause to total mortality.
	W.		C.		W.		C.				
	M.	F.	M.	F.	M.	F.	M.	F.			
CLASS III.—LOCAL.											
Hæmoptysis.....									1	.048	.092
Laryngitis.....			1						1	.145	.071
Edema glottidis.....									1	.049	.094
Edema of lungs.....		4							1	.049	.092
Pneumonia.....			1	2		31	92	83	298	11.048	5.369
Abscess of pharynx.....					2	1	1		4	.048	.092
Croup.....					1				1	.104	.094
Congestion of liver.....					2				4	.048	.092
Dentition, (morbid).....					1		2	1	4	.104	.094
Enteritis.....		2			5	7	2	6	90	.969	.471
Gastritis.....					3	3	2	3	11	.532	.359
Gastro-Enteritis.....					2	3	2	2	10	.485	.326
Hernia, (strangulated).....							1		1	.049	.092
Intestinal catarrh.....							1		1	.094	.094
Intussusception of intestines.....							1		2	.047	.047
Jaundice.....							1	1	1	.049	.092
Melæna.....							1		1	.049	.094
Obstruction of intestines.....							1		1	.048	.092
Pharyngitis.....							1		1	.048	.094
Stomatitis.....							1		1	.047	.047
Nephritis, (Bright's disease).....					1				2	.145	.071
Nephritis.....							1	1	3	.049	.047
Hæmorrhage, (puddental).....							1		2	.049	.047
Caries of temporal bone.....							1		1	.048	.092
Lordosis, (cervical).....							1		1	.049	.092
Necrosis of hand.....							1		1	.048	.092
Rachitis.....					1			1	6	.291	.141
Abscess of perineum.....							9	3	1	.049	.054
Adeinitis.....					1		1		2	.097	.047
Carbuncle.....					1				1	.048	.094
Cellulitis.....					1				1	.049	.092
Eczema impetiginodes.....						1			1	.048	.094
Scleroderma.....						1			1	.049	.092
Total from local class.....	1	9	5	6	144	146	274	295	799		
Percentage to total mortality under five years.....	.049	.436	.243	.291	6.977	7.074	13.275	11.365		38.711	
Percentage to total mortality from all causes.....	.024	.212	.113	.141	3.391	3.439	6.453	5.534			18.817

TABLE No. X—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 1 year.						From 1 to 2 years.						From 2 to 3 years.						From 3 to 4 years.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.	M.	M.	F.		M.	F.	M.	M.	F.		M.	F.	M.	M.	F.		M.	F.	M.	M.	F.	
CLASS IV.—DEVELOPMENTAL.																								
Atelectasia pulmonum.....	6	6	16		9																			
Atresia ani.....					1																			
Congenital deformity.....	1	2	1																					
Cyanosis.....	5	5			3																			
Debility congenital.....	11	11	11		6																			
Hemorrhage (umbilical).....		1			2																			
Hernia (umbilical).....			1																					
Icterus neonatorum.....	4				1																			
Premature birth.....	30	18	15		17																			
Pre-natural birth.....		2	3		2																			
Spina bifida.....			1																					
Total from developmental diseases.....	57	45	54		42																			
Percentage to total mortality under 5 years..	2,762	2,180	2,616		2,035																			
Percentage to total mortality, all causes.....	1,342	1,060	1,272		989																			
CLASS V.—VIOLENT.																								
Burned by clothing taking fire.....																								
Burned by clothing taking fire from hall gas-light																								
Burned by candle.....	1																							
Concussion of brain from fall against iron pot.																								
Concussion of brain by fall from arms of nurse..	1																							
Concussion of brain by fall.....																								
Concussion at birth.....	1	1																						
Dying by mother.....	1		2		7																			
Dying by alcohol.....					2																			
Poisoned by alcohol.....																								
Poisoned by caustic potash.....																								
Poisoned by creosote.....																								
Poisoned by eating matches.....																								
Poisoned by morphia.....																								
Scald.....		1																						
Shock from fright.....																								
Struck, (accidental).....		1																						
Strangled, (accidental).....					2																			

TABLE No. X.—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Under 1 month.						From 1 to 4 months.						From 4 to 8 months.						From 8 to 12 months.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
CLASS IV.—DEVELOPMENTAL.																								
Atelectasis pulmonum.....	6	6	16	9																				
Atresia ani.....		1		1																				
Congenital deformity.....	1	1																						
Cyanosis.....	5	3	1	2						1														
Debilis congenital.....	6	7	8	5						1														
Hemorrhage (umbilical).....		1	3	2						4														
Hernia (umbilical).....										1														
Icterus neonatorum.....	3																							
Premature birth.....	37	16	14	16						1														
Preterm birth.....	2	2		2						1														
Spina bifida.....	1			1																				
Total from developmental diseases.....	48	38	46	39			7	5		7	2		2	2		1	1							
Percentage to total mortality under 5 years.....	2,336	1,841	2,929	1,800			339	242		339	207		307	197		348	248							
Percentage to total mortality, all causes.....	1,130	895	1,083	918			165	118		165	104		147	104		194	124							
CLASS V.—VIOLENT.																								
Burned by clothing taking fire.....																								
Burned by clothing taking fire from ball gas light.....																								
Burned by coal-oil.....							1																	
Concussion of brain from fall against iron post.....																								
Concussion of brain by fall from arms of nurse.....																								
Concussion of brain by fall.....																								
Neglect at birth.....	1	1	2	7																				
Overlying by mother.....																								
Poisoned by alcohol.....																								
Poisoned by caustic potash.....																								
Poisoned by crotonole.....																								
Poisoned by eating matches.....																								
Poisoned by muric acid.....																								
Struck from flight.....																								
Struck from flight (unintentional).....																								
Struck from flight (intentional).....																								

TABLE No. X—Continued.

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TABLE No. X.—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Under 1 month.			From 1 to 4 months.			From 4 to 8 months.			From 8 to 12 months.		
	W.		C.	W.		C.	W.		C.	W.		C.
	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.
CLASS V.—VIOLENT.												
Suffocation, (asphyxia).....	1	3	1									
Infanticide.....			2									
Total violent deaths.....	2	6	12	2	1		2			3	1	
Percentage to total mortality under 5 years.....	.097	.291	.582	.048			.097			.145		
Percentage to total mortality; all causes.....	.047	.141	.282	.024			.047			.071		
Total mortality under 5 years.....	106	87	121	63	75	86	82	69	106	78	59	74
Total percentage in each period of life under 5 years to total mortality under 5 years.....	5.136	4.215	5.862	3.149	3.634	4.166	3.973	3.343	5.136	3.779	2.858	3.585
Total percentage in each period of life under 5 years to total mortality.....	2.496	2.049	2.850	1.531	1.766	2.026	1.931	1.625	2.496	1.837	1.390	1.743

TABLE No. X.—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Cause of death.	Total under 1 year.						From 1 to 2 years.						From 3 to 3 years.						From 3 to 4 years.					
	W.			C.			W.			C.			W.			C.			W.			C.		
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Suffocation, (asphyxia).....	1	3				1																		
Infanticide.....						3																		
Total violent deaths.....	5	7		2	15				1			1	2	1		2	1						1	
Percentage to total mortality under 5 years.....	.442	.339		.097	.727				.048			.048	.097	.049		.097	.048						.049	
Percentage to total mortality, all causes.....	.118	.165		.047	.353				.024			.024	.047	.023		.047	.023						.024	
Total mortality under 5 years.....	308	290		419	361		88	86	117	138		138	31	27	45	49			14	16	20	24		
Total percentage in each period of life under } 5 years to total mortality under 5 years.....	14.923	14.050		30.300	17.490		4.983	4.167	5.669	6.105		6.105	1.502	1.308	2.180	2.374			.678	.775	.969	1.163		
Total percentage in each period of life under } 5 years to total mortality.....	7.254	6.830		9.868	8.502		2.072	2.025	2.756	2.968		2.968	.730	.638	1.060	1.154			.330	.377	.471	.565		

TABLE No. X.—Continued.
MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE, FROM ALL CAUSES, IN THE DISTRICT OF COLUMBIA,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1870.

Cause of death.	From 4 to 5 years.						Total under 5 years.						Total.	Percentage each cause to total mortality under 5 years of age.	Percent. age each cause to total mor- tally.	
	W.		C.		W.		C.		W.		C.					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
CLASS V.—VIOLENT.																
Suffocation, (asphyxia).....															.097	.047
Infanticide .....															.291	.141
Total violent deaths	1						1									
Percentage to total mortality under 5 years.....	.048						.387			.436						
Percentage to total mortality, all causes .....	.024						.119			.212						
Total mortality under 5 years.....	11	13	6	13	452	432	607	573	2,064							.942
Total percentage in each period of life under } 5 years to total mortality under 5 years. }	.533	.630	.291	.650	21.899	20.930	20.409	27.762							100.	
Total percentage in each period of life under } 5 years to total mortality. }	.259	.306	.141	.306	10.645	10.174	14.286	13.495								48.610

TABLE No. XI.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	NATIVITY.									
	District of Columbia.				Other parts of the United States.					
	W.		C.		W.		C.		Foreign.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1875.										
October.....	1	3	1	4	4	9	7	15	4	2
November.....	2	6	.....	4	4	4	2	8	9	1
December.....	3	2	1	4	2	6	9	9	3	2
1876.										
January.....	8	3	.....	2	12	7	6	9	8	3
February.....	6	5	.....	5	4	7	19	13	4	2
March.....	5	4	1	3	5	8	5	9	7	2
April.....	5	4	6	3	9	2	10	15	3	3
May.....	2	7	1	1	1	6	8	12	5	1
June.....	10	3	2	3	7	5	10	8	2	1
July.....	1	4	4	.....	4	5	11	14	4	2
August.....	2	3	2	2	2	4	5	17	1	.....
September.....	3	.....	5	3	1	8	5	6	7	3
Total by sex in each period of life.....	48	44	23	34	60	75	97	135	57	22
Total by color in each period of life.....	92	.....	57	.....	135	.....	233	.....	79	.....
Total mortality from this disease in each period of life.....	149				367					
Percentage by sex in each period of life to mortality from this disease.....	8,067	7,395	3,866	5,714	10,084	12,605	16,303	22,690	9,380	3,691
Percentage by color in each period of life to mortality from this disease.....	15,462	.....	9,580	.....	22,689	.....	38,993	.....	13,276	.....
Percentage of mortality in each period of life to mortality from this disease.....	25,042				61,682					
Percentage by sex in each period of life to total mortality.....	1,130	1,037	542	800	1,413	1,766	2,264	3,180	1,343	518
Percentage by color in each period of life to total mortality.....	9,107	.....	1,342	.....	3,170	.....	5,401	.....	1,801	.....
Percentage of mortality from this disease in each period of life to total mortality.....	3,500				8,613					

TABLE No. XI Continued.
DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	White.			Colored.			Grand total	From 5 to 10 years.			
	M.		Total.	M.		F.		W.		C.	
	M.	F.		M.	F.			M.	F.		
1875.											
October.....	9	14	23		19	19	50				1
November.....	15	11	26	2	12	14	40				1
December.....	8	10	18	10	13	23	41				
1876.											
January.....	23	13	41	6	11	17	58			1	
February.....	18	14	32	19	18	37	69				2
March.....	17	14	31	6	12	18	49			1	
April.....	17	9	26	16	18	34	60			2	1
May.....	8	14	22	9	13	22	44				
June.....	19	9	28	12	11	23	51	1			
July.....	10	15	25	15	14	29	54				1
August.....	5	7	12	7	19	26	38				1
September.....	11	11	22	10	9	19	41			1	1
Total by sex in each period of life.....	165	141	306	120	169	289	595	1		6	7
Total by color in each period of life.....	306			289				1		13	
Total mortality from this disease in each period of life.....								14			
Percentage by sex in each period of life to mortality from this disease.....	27.731	23.697		20.168	28.404			.168		1.008	1.177
Percentage by color in each period of life to mortality from this disease.....	51.428			48.572				.168		2.185	
Percentage of mortality in each period of life to mortality from this disease.....								2.353			
Percentage by sex in each period of life to total mortality.....								.024		.141	.165
Percentage by color in each period of life to total mortality.....								.024		.306	
Percentage of mortality from this disease in each period of life to total mortality.....	3.886	3.331		2.926	3.980		14.013	.330			

TABLE No. XI—Continued.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	10 to 15 years.						15 to 20 years.						20 to 25 years.					
	W.			C.			W.			C.			W.			C.		
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
1875.																		
October.....					1									3	3		2	
November.....								1						1	2		2	
December.....				1	1			1								5	5	3
1876.																		
January.....									2					2			1	3
February.....				3	1									2			2	3
March.....	1	1		1	1									2	4		1	3
April.....																	2	4
May.....	1				2									1	2		3	6
June.....														3	1		3	2
July.....				1					1					2			2	2
August.....	1	2		1	1				1					4	1		4	5
September.....														2	2		2	1
Total by sex in each period of life.....	3	6	4	8			6	9		13	30		18	14		22	35	
Total by color in each period of life.....	9			13			15			43			32			57		
Total mortality from this disease in each period of life.....	21						58						80					
Percentage by sex in each period of life to mortality from this disease.....	.505	1.008	.679	1.345			1.008	1.513		2.185	5.042		3.025	2.353		3.698	5.892	
Percentage by color in each period of life to mortality from this disease.....	1.513		2.017				2.521			7.927			5.378			9.520		
Percentage of mortality in each period of life to mortality from this disease.....	3.530						9.748						14.038					
Percentage by sex in each period of life to total mortality.....	.071	.141	.094	.189			.141	.212		.306	.707		.424	.350		.518	.824	
Percentage by color in each period of life to total mortality.....	.212		.243				.353			1.013			.754			1.343		
Percentage of mortality from this disease in each period of life to total mortality.....	40.5						1.366						2.004					

TABLE No. XI.—Continued.
DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	AGE OF DECEASED.											
	25 to 30 years.				30 to 35 years.				35 to 40 years.			
	W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1875.												
October	4	3	2	3	2	5	2	2	1	1	5	2
November	1	1	1	2	1	1	1	2	2	2	1	2
December	1	3	1	2	1	1	1	1	1	1	1	1
1876.												
January	5	1	1	2	4	1	1	1	2	4	2	2
February	1	1	1	2	4	3	1	1	3	4	6	2
March	4	1	1	2	4	2	1	2	1	5	1	1
April	2	2	2	2	5	3	3	3	1	1	1	1
May	1	1	1	2	3	1	2	2	2	2	2	3
June	4	4	1	1	3	3	2	1	2	2	2	3
July	1	3	3	4	1	2	1	1	1	1	1	4
August	1	1	1	6	1	1	1	1	2	3	2	2
September	1	1	1	2	3	2	1	1	1	1	1	1
Total by sex in each period of life	25	16	18	27	30	28	13	14	15	19	13	21
Total by color in each period of life	41		45		52		27		34		34	
Total mortality from this disease in each period of life	86				79				68			
Percentage by sex in each period of life to mortality from this disease	4.302	2.680	3.025	4.538	5.049	3.697	2.185	2.353	2.521	3.193	2.185	3.530
Percentage by color in each period of life to mortality from this disease	6.891		7.563		8.739		4.536		5.714		5.715	
Percentage of mortality in each period of life to mortality from this disease	14.454				13.277				11.499			
Percentage by sex in each period of life to total mortality .....	.589	.377	.424	.635	.707	.518	.306	.330	.353	.446	.306	.404
Percentage by color in each period of life to total mortality .....	.966		1.059		1.295		.636		.801		.800	
Percentage of mortality from this disease in each period of life to total mortality	2.025				1.861				1.601			

TABLE No. XI.—Continued.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

AGE OF DECEDENTS.													
40 to 45 years.						45 to 50 years.						50 to 55 years.	
W.		C.		W.		C.		W.		C.		W.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1873.													
1	2	3	1	1	2	2	1	1	2	2	1	1	1
1	2	1	2	2	2	2	2	2	2	2	2	1	1
1876.													
4	2	2	1	3	1	1	1	3	1	2	1	1	1
2	1	1	1	2	2	1	1	2	1	1	1	2	2
2	1	1	1	2	1	1	2	2	1	2	1	1	1
3	1	1	2	1	2	1	1	1	1	1	1	1	1
2	2	2	1	1	2	1	1	1	2	1	1	1	1
2	1	1	1	1	1	1	1	1	2	1	1	1	1
2	2	1	1	2	2	1	1	2	2	1	1	2	2
2	2	2	2	2	1	1	1	2	1	1	1	2	2
16	15	8	6	15	7	7	5	11	6	6	4	4	4
31		14		23		13		17		10		10	
Total by sex in each period of life.....													
Total by color in each period of life.....													
Total mortality from this disease in each period of life.....													
Percentage by sex in each period of life to mortality from this disease.....													
Percentage by color in each period of life to mortality from this disease.....													
Percentage of mortality in each period of life to mortality from this disease.....													
Percentage by sex in each period of life to total mortality.....													
Percentage by color in each period of life to total mortality.....													
Percentage of mortality from this disease in each period of life to total mortality.....													
Total mortality from this disease in each period of life.....													
2,689	2,521	1,345	1,008	2,521	1,176	1,176	.641	1,849	1,008	1,009	.672	1,849	1,009
6,210		2,353		3,697		9,917		2,857		1,681		2,857	1,681
Total mortality from this disease in each period of life.....													
7,563				5,714				4,539				4,539	
377	353	189	141	353	165	165	.118	250	141	148	.094	250	148
730		340		518		963		400		310		400	310
Total mortality from this disease in each period of life to total mortality.....													
1,050				1,050				1,050				1,050	

TABLE No. XI—Continued.
DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	AGE OF DECEDENTS.											
	55 to 60 years.				60 to 65 years.				65 to 70 years.			
	W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1875.												
October.....	2			2	1					1		1
November.....	2					1						
December.....	1	1		1	1	1				1		
1876.												
January.....	3	2	2	1					1	3		
February.....	2	1	1		1				1			
March.....						1						
April.....		1	1				1				1	
May.....	1						1		1	1	1	
June.....				1								
July.....		2	2									
August.....	1			1								
September.....		1		1		1				1		
Total by sex in each period of life.....	12	9	6	7	3	4	1	3	4	7	2	1
Total by color in each period of life.....	21		13		7		4		11		3	
Total mortality from this disease in each period of life.....	34				11				14			
Percentage by sex in each period of life to mortality from this disease.....	2.017	1.512	1.008	1.177	.504	.673	.168	.504	.672	1.177	.336	.168
Percentage by color in each period of life to mortality from this disease.....	3.529		2.185		1.177		.672		1.949		.504	
Percentage of mortality in each period of life to mortality from this disease.....	5.714				1.849				2.353			
Percentage by sex in each period of life to total mortality.....	.263	.212	.141	.165	.071	.094	.024	.070	.094	.165	.047	.024
Percentage by color in each period of life to total mortality.....	.405		.306		.165		.094		.959		.071	
Percentage of mortality from this disease in each period of life to total mortality.....	.801				.959				.930			

TABLE No. XI—Continued.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	AGE OF DECEDENTS.											
	70 to 75 years.						75 to 80 years.					
	M.	F.	M.	F.	C.	W.	M.	F.	M.	F.	C.	W.
October.....												
November.....		1						1				
December.....												
1875.												
January.....	1						1					
February.....												
March.....	1											
April.....			1						1			
May.....		1					1					
June.....	1											
July.....		1										
August.....												
September.....												
Total by sex in each period of life.....	3	4	1				2	2				1
Total by color in each period of life.....	7		1				4					1
Total mortality from this disease in each period of life.....			8						4			3
Percentage by sex in each period of life to mortality from this disease.....	.504	.073	.166				.336	.336		.168	.168	.168
Percentage by color in each period of life to mortality from this disease.....	1.176		.168				.073			.336	.168	
Percentage of mortality in each period of life to mortality from this disease.....			1.344					.673			.504	
Percentage by sex in each period of life to total mortality.....	.071	.094	.021				.047	.047		.034	.023	.023
Percentage by color in each period of life to total mortality.....	.165		.023				.014			.047	.063	.063
It is the stage of mortality from this disease in each period of life to total mortality.....			.144					.014			.070	

TABLE No. XI—Continued.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	DURATION OF RESIDENCE.											
	Under 1 month.				1 to 4 months.				4 to 8 months.			
	W.	M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.
1875.												
October												
November												
December.....	1							1				
1876.												
January	1						1					
February						1		2				
March												
April	1						1				1	
May												
June	1					1						
July										2	1	1
August												
September	1					1						
Total by sex in each period of life	4	2	2	1		4	2	2	3	2	2	2
Total by color in each period of life	6		3		6		5		4		2	
Total mortality from this disease in each period of life.....	9				11				6			
Percentage by sex in each period of life to mortality from this disease.....	.673	.336	.336	.168	.672	.336	.336	.505	.336	.336	.336	
Percentage by color in each period of life to mortality from this disease	1.009		.504		1.008		.841		.672		.336	
Percentage of mortality in each period of life to mortality from this disease...	1.513				1.849				1.008			
Percentage by sex in each period of life to total mortality.....	.094	.047	.047	.024	.094	.047	.047	.071	.047	.047	.047	
Percentage by color in each period of life to total mortality. ....	.141		.071		.141		.118		.094		.047	
Percentage of mortality from this disease in each period of life to total mortality.	.212				.259				.141			

TABLE No. XI.—Continued.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

DURATION OF RESIDENCE.															
8 to 12 months.				Total under 1 year.				1 to 2 years.							
W.		C.		W.		C.		W.		C.		W.		C.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.

TABLE No. XI.—Continued.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

		DURATION OF RESIDENCE.											
		2 to 3 years.				3 to 4 years.				4 to 5 years.			
		W.		C.		W.		C.		W.		C.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1875.													
October.....				1	3								1
November.....						1							
December.....				1			1						1
1876.													
January.....		1								3			
February.....				1		1	1	1		1	1		
March.....		2				1		1					2
April.....		1				1							1
May.....		1				1	1	1					1
June.....				2									
July.....		1											1
August.....					1					1		1	2
September.....		1	1			1							
Total by sex in each period of life.....		7	1	5	8	4	3	3	5	4	2	2	9
Total by color in each period of life.....		8		13		7		8		6		11	
Total mortality from this disease in each period of life.....		21				15				17			
Percentage by sex in each period of life to mortality from this disease.....		1.177	.168	.840	1.345	.672	.504	.404	.841	.672	.336	.336	1.514
Percentage by color in each period of life to mortality from this disease.....		1.445		2.185		1.176		1.345		1.008		1.850	
Percentage of mortality in each period of life to mortality from this disease.....		3.530				2.521				2.858			
Percentage by sex in each period of life to total mortality.....		.165	.094	.118	.188	.094	.071	.071	.118	.094	.047	.047	.212
Percentage by color in each period of life to total mortality.....		.189		.306		.165		.188		.141		.259	
Percentage of mortality from this disease in each period of life to total mortality.....		.495				.353				.400			

TABLE No. XI.—Continued.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	DURATION OF RESIDENCE.											
	8 to 12 months.						Total under 1 year.					
	W.		C.		W.		C.		W.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1875.												
October.....												
November.....				1						1		
December.....					1						2	
1876.												
January.....					1		1					
February.....	3			1		4		4			1	
March.....					1		1			2		
April.....					1		1			1		2
May.....								1				1
June.....						2	1					
July.....						2	1		2			
August.....	1			1		1				1	1	
September.....						1				1		
Total by sex in each period of life.....	4		1	2		14	6	7	6	7	4	3
Total by color in each period of life.....	4		3			20		13		11		10
Total mortality from this disease in each period of life.....	7						33					
Percentage by sex in each period of life to mortality from this disease.....	.672		.108	.336		2.353	1.008	1.177	1.008	1.177	.672	.504
Percentage by color in each period of life to mortality from this disease.....	.672		.504			3.361		2.185		1.849		1.681
Percentage of mortality in each period of life to mortality from this disease.....	1.176						5.546					
Percentage by sex in each period of life to total mortality.....	.004		.004	.047		.330	.141	.165	.141	.165	.094	.071
Percentage by color in each period of life to total mortality.....	.004			.071		.471		.306		.250		.216
Percentages of mortality from this disease in each period of life to total mortality.....	10.5						77.7					

TABLE No. XI.—Continued.
DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	DURATION OF RESIDENCE.													
	2 to 3 years.						3 to 4 years.						4 to 5 years.	
	W.		C.		W.		C.		W.		C.			
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1875.														
October.....			1	3					2				1	
November.....														
December.....			1	1			1						1	
1876.														
January.....	1									3				
February.....			1	1	1	1	1	1		1	1	1		
March.....	2												2	
April.....	1				1			1					1	
May.....	1			1	1			1					1	
June.....			2											
July.....	1			1					1				1	
August.....									1			1	2	
September.....	1	1			1									
Total by sex in each period of life.....	7	1	5	8	4	3	7	3	5	4	2	2	9	
Total by color in each period of life.....	8		13		7		8		6		11			
Total mortality from this disease in each period of life.....	21						15						17	
Percentage by sex in each period of life to mortality from this disease.....	1.177	.168	.840	1.345	.672	.504	.404	.841	.672	.336	.336	1.514		
Percentage by color in each period of life to mortality from this disease.....	1.445		2.185		1.176		1.345		1.008		1.850			
Percentage of mortality in each period of life to mortality from this disease ..	3.530						2.521						2.858	
Percentage by sex in each period of life to total mortality .....	.165	.024	.118	.188	.094	.071	.071	.118	.094	.047	.047	.212	
Percentage by color in each period of life to total mortality.....	.189		.306		.165		.188		.141		.859			
Percentage of mortality from this disease in each period of life to total mortality ..	.495						.353						.400	

TABLE No. XI Continued.
DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	DURATION OF RESIDENCE.											
	2 to 3 years.						3 to 4 years.					
	W.	F.	M.	C.	W.	F.	M.	C.	W.	F.	M.	C.
1873.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
October.....			1	3	1			2				1
November.....			1									1
December.....												
1874.												
January.....	1								3			
February.....		1	1	1	1	1	1	1	1	1	1	
March.....	2		1	1	1	1	1	1	1	1	1	2
April.....	1		1	1	1	1	1	1				1
May.....	1		1	1	1	1	1	1				1
June.....			2									1
July.....	1			1				1			1	2
August.....											1	
September.....	1	1			1							
Total by sex in each period of life.....	7	1	5	8	4	3	3	5	4	2	2	9
Total by color in each period of life.....	8		13		7		8		6		11	
Total mortality from this disease in each period of life.....	21						15					
Percentage by sex in each period of life to mortality from this disease.....	1.177	.168	.840	1.345	.672	.504	.404	.841	.672	.336	.336	1.514
Percentage by color in each period of life to mortality from this disease.....	1.445		2.185		1.176		1.345		1.008		1.850	
Percentage of mortality in each period of life to mortality from this disease.....	3.530						2.521					
Percentage by sex in each period of life to total mortality.....	.165	.094	.118	.188	.094	.071	.071	.118	.094	.047	.047	.212
Percentage by color in each period of life to total mortality.....	.189		.306		.165		.188		.141		.259	
Percentage of mortality from this disease in each period of life to total mortality.....	.495						.353					

TABLE No. XI.—Continued.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

DURATION OF RESIDENCE.											
5 to 10 years.				10 to 20 years.				20 to 30 years.			
W.		C.		W.		C.		W.		C.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1875.											
1	3	9	4	2	3	4	1	2	5	1	1
3	3	2	3	5	1	.....	4	4	4	.....	.....
1	2	2	6	1	.....	2	3	2	4	.....	1
1876.											
3	1	3	5	9	1	.....	3	7	9	1	.....
2	3	2	2	2	2	7	3	3	3	1	3
4	2	4	4	1	6	9	3	2	.....	.....	.....
9	1	3	3	5	2	3	8	2	1	1	1
1	.....	2	5	1	6	3	1	.....	.....	.....	4
3	1	2	1	4	1	2	7	4	3	2	1
2	3	3	5	.....	3	1	3	4	3	.....	.....
.....	.....	.....	.....	2	5	3	9	.....	.....	.....	.....
1	2	4	4	1	3	4	2	3	1	.....	1
23	21	27	49	33	33	40	48	33	26	9	13
Total by sex in each period of life.....				60				59			
Total by color in each period of life.....				.....				.....
Total mortality from this disease in each period of life.....				154				81			
Percentage by sex in each period of life to mortality from this disease.....				5,546				5,546			
Percentage by color in each period of life to mortality from this disease.....				11,092				9,916			
Percentage of mortality in each period of life to mortality from this disease.....				.....				13,613			
Percentage by sex in each period of life to total mortality.....				.777				.777			
Percentage by color in each period of life to total mortality.....				1,554				1,300			
Percentage of mortality from this disease in each period of life to total mortality.....				3,037				1,904			

TABLE NO. XI—Continued.
DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE
IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

DURATION OF RESIDENCE.												
30 to 40 years.					40 to 50 years.					50 to 60 years.		
W.		C.			W.		C.			W.		C.
M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	F.
1875.												
October	1	1		3	1	1			1	1		1
November	1	1		2		2						1
December	1	1	1	1	1	1						
1876.												
January		2	1		2	3	1	1			2	
February	3	3		2	1	1			1	1		
March	2	2			1	1			1	1		
April	3	2	3						1	1		
May	3	1		1		3			1	1		
June	2	1	1	1	3				1	1		
July		1				2						
August		1										
September	2	2	1	1						1	1	
Total by sex in each period of life.	17	16	7	11	9	13	2	3		5	3	2
Total by color in each period of life.	35		18		22		5			10		5
Total mortality from this disease in each period of life.	53				27				15			
Percentage by sex in each period of life to mortality from this disease.	2.857	3.025	1.176	1.849	1.513	2.185	.336	.504		.840	.841	.336
Percentage by color in each period of life to mortality from this disease.	5.862		3.025		3.698		.840			1.681		.840
Percentage of mortality in each period of life to mortality from this disease.	8.907				4.538				2.521			
Percentage by sex in each period of life to total mortality.	.400	.434	.165	.259	.212	.306	.017	.071		.112	.118	.047
Percentage by color in each period of life to total mortality.	.644		.424		.518		.118			.236		.117
Percentage of mortality from this disease in each period of life to total mortality.	1.248				.636				.323			

TABLE No. XI.—Continued.

DEATHS FROM PHTHISIS PULMONALIS, BY MONTHS, SHOWING NATIVITY, COLOR, AGE, SEX, AND DURATION OF RESIDENCE IN THE DISTRICT OF COLUMBIA—PERCENTAGES.

	DURATION OF RESIDENCE.										PERCENTAGE—	
	60 to 70 years.						Unknown.				To total mor- tality from this disease.	To total mor- tality.
	W.		C.		W.		C.					
	M.	F.	M.	F.	M.	F.	M.	F.				
1875.												
October.....											8.403	1.177
November.....		1				2	1				6.723	.942
December.....	1						1	2			6.891	.966
1876.												
January.....	1	1			1					1	9.748	1.366
February.....							1	1	1	3	11.596	1.625
March.....						2					8.235	1.154
April.....								2			10.084	1.413
May.....					1				2		7.395	1.036
June.....		1		1			1	1			8.371	1.301
July.....										1	9.076	1.272
August.....											6.367	.895
September.....						1	1			1	6.891	.966
Total by sex in each period of life.....	2	3		1	7	6	7	6	8	11		
Total by color in each period of life.....	5		1		13				19			
Total mortality from this disease in each period of life.....	6						32				100.	14.013
Percentage by sex in each period of life to mortality from this disease.....	.336	.504		.168	1.177	1.038	1.177	1.038	1.344	1.849		
Percentage by color in each period of life to mortality from this disease.....	.640						2.185				3.193	
Percentage of mortality in each period of life to mortality from this disease.....	1.006						5.378					
Percentage by sex in each period of life to total mortality.....	.047	.070		.024	.165	.141	.165	.141	.180	.320		
Percentage by color in each period of life to total mortality.....	.117		.024		.306		.306		.448			
Percentage of mortality from this disease in each period of life to total mortality.....	.141						.751					14.013

TABLE No. XII.

SHOWING DAILY MORTALITY IN THE DISTRICT OF COLUMBIA, BY COLOR AND SEX,
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Date.	W.		C.		Total.	Date.	W.		C.		Total.	Date.	W.		C.		Total.
	M.	F.	M.	F.			M.	F.	M.	F.			M.	F.	M.	F.	
1875. Oct.						1875. Nov.						1875. Dec.					1876. Jan.
1	4	1	3	4	12	1	4	3	1	1	5	1	6	2	4	2	6
2	1	3	4	3	11	2	6	2	1	3	2	2	2	2	4	3	15
3	4	4	4	4	16	3	6	2	2	1	5	3	3	2	3	3	17
4	1	4	2	4	9	4	3	1	4	2	3	4	1	3	1	1	7
5	3	2	2	3	10	5	4	1	4	1	2	5	2	3	3	3	11
6	1	2	2	2	9	6	4	3	1	2	3	6	3	3	2	4	11
7	2	2	1	2	5	7	2	4	2	1	2	7	3	3	3	3	11
8	3	1	1	1	6	8	2	4	2	1	3	8	3	3	2	2	9
9	4	4	1	1	9	9	3	4	3	1	2	9	2	1	3	1	5
10	3	1	2	4	9	10	3	4	3	1	4	10	2	2	3	1	5
11	3	1	6	2	9	11	2	4	5	1	3	11	3	1	4	1	7
12	1	6	5	4	10	12	5	2	1	2	2	12	1	1	1	1	6
13	2	4	3	4	17	13	1	1	2	3	2	13	2	1	4	1	7
14	2	4	5	3	9	14	1	1	4	3	6	14	4	3	2	4	15
15	4	6	4	3	17	15	3	6	1	1	1	15	9	3	2	5	11
16	1	2	2	2	3	16	2	4	2	1	3	16	2	1	3	1	4
17	4	1	3	1	9	17	3	4	3	1	4	17	4	1	3	3	10
18	2	3	4	5	14	18	3	4	3	5	3	18	3	3	3	3	17
19	2	6	2	5	15	19	2	2	3	3	12	19	2	2	2	2	11
20	2	4	3	5	16	20	1	5	3	3	7	20	1	4	3	3	10
21	1	2	1	2	7	21	1	2	1	1	3	21	1	1	2	2	7
22	2	3	1	1	9	22	2	1	3	3	6	22	3	3	2	2	11
23	3	1	3	3	9	23	3	1	2	2	9	23	3	2	3	3	14
24	3	3	2	6	12	24	3	3	2	2	9	24	3	2	3	3	14
25	3	2	2	3	10	25	6	2	3	10	15	25	2	2	3	3	10
26	2	4	2	3	11	26	2	2	3	2	7	26	2	2	3	3	10
27	2	4	2	3	11	27	4	1	3	2	11	27	2	2	3	3	16
28	2	4	2	3	11	28	2	4	1	2	9	28	2	2	2	2	9
29	2	1	6	3	10	29	3	3	2	2	10	29	3	3	2	2	9
30	2	1	6	3	11	30	3	3	2	2	10	30	3	3	2	2	12
31	1	5	2	2	10	31	3	2	2	6	6	31	4	2	1	1	10
	64	83	85	85	317		74	65	57	85	293		77	70	90	56	297

TABLE No. XII—Continued.
SHOWING DAILY MORTALITY IN THE DISTRICT OF COLUMBIA, BY COLOR AND SEX.
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1876.

Date.	W.		C.		Total.	Date.	W.		C.		Total.	Date.	W.		C.		Total.
	M.	F.	M.	F.			M.	F.	M.	F.			M.	F.	M.	F.	
1876. Feb.						1876. Mar.						1876. Apr.					1876. May
1	4	3	3	2	9	1	4	2	2	5	13	1	1	1	2	4	8
2	1	3	1	4	8	2	1	5	2	3	11	2	3	3	7	2	12
3	3	4	2	1	9	3	3	1	4	3	11	3	5	2	2	4	12
4	5	1	5	5	21	4	6	6	3	5	17	4	6	1	1	6	12
5	5	1	5	2	17	5	5	2	5	2	17	5	3	3	4	4	10
6	7	4	3	3	17	6	4	4	4	2	16	6	5	5	4	1	11
7	3	1	2	4	12	7	4	4	3	3	15	7	7	7	3	2	13
8	2	2	3	4	11	8	2	3	1	1	6	8	3	3	1	1	7
9	3	2	4	4	17	9	1	1	1	1	4	9	2	4	4	1	7
10	5	3	6	4	18	10	4	3	2	5	10	10	3	3	2	3	9
11	1	2	3	5	11	11	1	1	5	3	10	11	2	2	4	4	10
12	5	4	4	3	16	12	2	3	5	2	12	12	1	3	4	2	10
13	4	2	4	1	11	13	1	2	2	2	6	13	4	5	1	2	9
14	5	2	10	2	17	14	2	3	1	1	6	14	1	1	3	2	7
15	2	2	2	4	11	15	1	4	2	1	8	15	1	1	1	3	6
16	6	3	4	4	17	16	4	3	3	5	14	16	2	2	3	3	8
17	7	2	2	3	12	17	4	3	1	1	8	17	4	3	1	4	11
18	4	2	4	6	16	18	4	5	1	4	14	18	1	2	1	4	10
19	1	1	1	3	6	19	3	1	5	1	10	19	3	3	3	3	10
20	3	1	3	2	9	20	3	1	3	3	7	20	3	3	2	2	12
21	1	3	5	2	11	21	4	4	4	1	10	21	3	1	3	3	10
22	2	3	3	1	9	22	4	1	3	4	12	22	2	2	2	2	12
23	5	4	1	3	13	23	1	3	5	4	13	23	2	3	2	5	12
24	3	3	3	3	12	24	3	3	1	7	11	24	3	2	2	5	12
25	3	3	3	5	14	25	4	3	4	1	12	25	1	4	2	8	9
26	1	3	5	1	10	26	5	5	3	4	15	26	4	1	1	5	7
27	3	1	3	5	12	27	3	3	3	5	15	27	4	1	2	8	11
28	5	3	3	3	14	28	4	4	2	1	11	28	3	3	1	7	11
29	3	3	1	4	11	29	5	5	4	4	19	29	3	3	2	8	14
30	3	3	3	4	13	30	4	4	3	3	15	30	3	3	3	9	17
31	3	3	3	1	10	31	4	4	1	1	13	31	3	3	3	9	22
	93	71	77	96	365		100	84	96	77	365		70	71	84	74	279

TABLE No. XII—Continued.
SHOWING DAILY MORTALITY IN THE DISTRICT OF COLUMBIA, BY COLOR AND SEX.
REGISTERED FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 1896.

Date.	W.		C.		Total.	Date.	W.		C.		Total.	Date.	W.		C.		Total.
	M.	F.	M.	F.			M.	F.	M.	F.			M.	F.	M.	F.	
1896 June	1	2	2	1	12	1896 July	1	3	6	5	18	1896 Aug.	1	3	1	2	4
2	4	1	2	4	10	2	1	4	4	5	14	2	3	2	2	2	10
3	3	5	5	9	15	3	9	3	3	3	20	3	5	5	2	2	18
4	7	5	3	1	16	4	9	8	3	3	26	4	5	1	2	3	15
5	4	2	2	4	12	5	7	5	8	5	23	5	2	3	2	3	11
6	3	2	2	2	10	6	2	4	5	3	9	6	4	1	3	3	10
7	8	3	2	4	15	7	4	3	1	3	9	7	3	3	7	2	13
8	6	1	4	5	12	8	7	4	1	3	25	8	3	9	1	2	7
9	3	2	3	8	16	9	13	5	7	6	42	9	5	3	3	2	9
10	3	3	3	5	13	10	12	10	5	4	29	10	5	4	2	4	8
11	6	4	3	4	17	11	9	10	5	3	34	11	3	3	1	3	9
12	3	3	3	5	15	12	9	10	10	4	39	12	3	3	2	4	11
13	4	6	8	1	19	13	11	7	6	7	31	13	4	4	1	4	13
14	4	1	7	4	13	14	4	4	2	3	13	14	1	3	1	5	18
15	6	1	7	2	16	15	4	3	7	4	18	15	1	2	3	5	13
16	6	1	4	6	20	16	3	3	3	2	11	16	5	2	3	4	13
17	6	10	4	2	19	17	2	6	2	4	14	17	4	1	3	5	14
18	6	6	4	3	13	18	4	2	4	3	13	18	4	1	3	3	10
19	3	4	5	5	20	19	6	5	5	6	18	19	3	4	3	3	9
20	3	4	4	5	17	20	6	5	5	6	22	20	4	4	4	3	11
21	6	4	2	4	16	21	3	1	2	2	8	21	4	4	2	1	10
22	6	3	4	3	18	22	4	2	3	7	18	22	5	2	7	2	15
23	4	7	3	4	18	23	3	4	2	2	17	23	4	4	4	5	13
24	8	6	5	5	27	24	5	3	3	2	17	24	4	4	4	3	10
25	4	5	7	3	19	25	3	2	3	3	15	25	3	3	3	3	9
26	4	4	7	5	23	26	3	3	3	4	15	26	4	3	3	3	7
27	4	5	10	3	30	27	1	2	4	1	10	27	4	4	3	6	16
28	5	4	4	4	17	28	1	4	3	6	16	28	8	1	3	2	9
29	2	4	5	4	15	29	4	4	3	6	17	29	1	3	2	3	13
30	4	3	.....	.....	11	30	1	5	2	4	17	30	1	4	2	5	13
	135	118	132	115	491		135	143	131	138	567		113	96	93	95	397
													87	85	87	90	349

6.—REPORT OF ATTORNEY.

WASHINGTON, D. C.,
September 30, 1876.

SIR: The following report of cases referred to, and legal business transacted by, the attorney for the board of health for the year ending September 30, 1876, is respectfully submitted:

Number of cases referred to the attorney for prosecution in the courts of the district.....	138
Number of cases in which convictions were had.....	52
Number of cases discontinued.....	6
Number of cases dismissed by the court.....	1
Removed by certiorari to the supreme court of the District of Columbia.....	1
Failure to serve process on defendant.....	1
Number of cases suspended for further evidence.....	9
Number of cases still pending.....	1
Total	138
Number of appeals taken to circuit court.....	1
Amount of fine imposed by the court.....	\$23.00
Amount of collateral forfeited.....	35.00
Total	273.00
Number of cases in which fines were remitted by the court by consent of the board on account of poverty, &c., of defendants.....	13
Number of cases in which judgment on conviction was that defendant give bonds to abate nuisance.....	10

Of the 138 cases referred to the attorney for prosecution in the courts, 120 were cases of nuisances of various kinds, and of more or less serious nature, in which there had been neglect and failure to abate after notice duly served by the board. In a considerable proportion of these cases, the delinquents, after service of process, have obtained further time, and a suspension of proceedings to allow an abatement of the nuisance complained of; and these cases have subsequently been discontinued, the nuisances being abated to the satisfaction of the health-officer.

In many cases, also, defendants, upon pleading guilty, or being convicted of the offense, have been ordered by the courts, under bonds, to abate nuisance within a specified time, usually short. In several cases, when the offense consisted of a single act of nuisance committed, the court, in consideration of the poverty of the defendant, and at the instance of the board of health, remitted the fine imposed.

Ten of the cases prosecuted during the year were referred by the registrar of vital statistics for violation of the rules and regulations of the board concerning the subject of vital statistics. In all cases brought before the courts, the rules and regulations with regard to this subject have been sustained and enforced.

Of the remaining cases, only one was for violation of the pound-regulations, and seven for infraction of the ordinances of the board to prevent the sale of unwholesome food. The number of cases of either of these classes has very sensibly diminished within the last two years. This is believed to be due largely to the vigorous enforcement of the law and the ordinances of the board, and to the growth of more enlightened views and a more just appreciation of the evils inflicted by this class of offenses upon the community.

Up to July 30, 1876, when the law of Congress requiring the attorney to be selected by the board from its own membership took effect, the legal affairs of the board were conducted by Mr. H. D. Beam, late

attorney, &c., under the direction and supervision of the committee on ordinances. I do but simple justice to Mr. Beam when I state that, in his relations to the board as its attorney, he has conducted its legal affairs with ability and efficiency, and to the satisfaction of all concerned.

It is made the duty of the board of health to declare what shall be deemed nuisances injurious to health, and to provide for their removal; to make and enforce regulations to prevent domestic animals from running at large in the cities of Washington and Georgetown; to prevent the sale of unwholesome food in said cities; and to make and enforce regulations to secure a full and correct record of vital statistics, including the registration of deaths and the interment of the dead in the District of Columbia. These duties are enjoined by law of Congress.

Other duties, having to do with the sanitary service of the District, have been imposed either by the late legislative assembly of the District or the honorable commissioners. In all cases in which regulations have been made, and their enforcement attempted by the board, as enjoined by law, the board has been sustained with singular uniformity by the courts.

This report, as well as others previously made by your attorney, demonstrates the correctness of this statement.

It must be cause of special gratification to the board that its regulations, whether they have to do with nuisances, the prevention of domestic animals from running at large in the cities named, the prevention of the sale of unwholesome food, the enforcement of regulations with regard to vital statistics, or any other subject coming within its authority, have been maintained in the courts, as indicated, and accepted by the community as reasonable, their enforcement conducing to the general good.

JOHN M. LANGSTON,
Attorney Board of Health.

Dr. T. S. VERDI,
President Board of Health.

7.—REPORT OF HEALTH-OFFICER, WITH ACCOMPANYING PAPERS.

SIR: I have the honor to present herewith tabular statements of the operations of the departments under my charge for the year ending September 30, 1876, together with the reports of the medical sanitary inspector and the inspector of marine products, all of which bear sure testimony to the vigilance and efficiency of the employés, the value of their labors, and the intimate relationship of our service to the highest interests of the community.

Very respectfully, your obedient servant,

P. T. KEENE, M. D.,
Health-Officer.

TULLIO S. VERDI, M. D.,
President Board of Health District of Columbia.

Consolidated report of nuisances for the year ending September 30, 1876.

Months.	Alleys.	Areas.	Cellars.	Excavations.	Gutters.	Garbage.	Hog-pens.	Houses, filthy.	Hydrants.	Lots, filthy.	Manure.	Markets, public.	Miscellaneous.	Pumps.	Pipes burst, water.	Ponds, stagnant.	Privies, filthy.	Privies, full.	Privies, leaky.	Privies, dilapidated.	Sewers, public.	Sewers, house-connection.	Stables.	Streets, filthy.	Shells, oyster.	Taps, sewer.	Yards.	Yards, cow.	Vaults, privy.	Water-closets.	Total.			
1875.																																		
October.....	133	6	13	3	57	...	2	37	52	...	10	13	48	80	1	87	3	2	79	203	578	85	47	58	248	56	11	...	43	314	33	5	1	2,308
November....	50	2	9	9	25	24	3	27	27	...	6	7	18	53	...	40	...	6	31	131	342	45	43	30	130	15	12	...	30	253	15	2	13	1,408
December....	55	1	11	...	38	47	3	12	50	1	9	8	26	67	...	50	2	1	17	296	632	66	50	30	101	11	9	...	111	240	31	...	18	1,983
1876.																																		
January.....	74	11	4	...	17	69	...	31	16	...	3	7	17	72	1	105	2	2	163	350	63	74	24	29	22	26	...	47	273	57	1	34	1,598	
February....	41	7	14	...	14	54	1	51	23	2	...	3	10	40	...	61	...	6	4	115	344	40	40	18	41	20	10	25	129	33	...	15	1,144	
March.....	33	8	11	...	37	26	1	38	40	2	...	2	11	69	...	75	7	3	192	400	46	64	...	99	13	13	9	62	240	...	...	38	1,560
April.....	72	3	22	...	25	19	2	49	26	1	8	2	55	67	...	77	1	1	155	434	46	44	25	175	10	18	2	31	204	32	8	1,619
May.....	114	8	19	1	47	20	12	37	19	5	27	4	63	108	1	137	1	3	128	789	46	16	103	358	31	23	2	39	244	44	26	...	2,530	
June.....	81	7	10	...	26	35	2	32	9	6	7	...	36	59	...	180	1	3	188	676	117	42	31	286	15	34	41	277	5	...	...	2	2,219
July.....	22	3	6	...	8	4	3	8	11	1	...	2	8	28	...	92	1	2	54	135	33	12	26	20	16	2	20	65	19	1	17	575		
August.....	45	14	9	...	17	19	37	73	26	1	8	3	43	75	...	32	1	2	219	433	95	30	44	59	47	19	...	26	203	96	2	19	1,741	
September...	50	13	31	5	22	28	2	50	72	1	5	...	41	68	3	36	3	4	155	395	90	24	30	85	37	7	...	26	196	72	...	15	1,576	
Total.....	400	83	159	19	323	345	68	434	371	24	86	50	408	766	6	902	21	33	106	2,023	5,538	330	476	401	1,611	293	186	11	512	2,610	437	39	190	20,361

By the above table it appears that the number of nuisances reported and abated falls short of the number aggregated in my last annual report some four thousand, which may be attributed in great measure to the fact that since July 1, 1876, only one-half the former number of inspectors have been employed, owing to the failure of Congress to appropriate sufficiently to sustain a requisite sanitary force. Although some of the most active and efficient inspectors were retained, the utter impossibility of so few men covering so large a territory in this service became apparent. Where localities were, last year, visited and cleaned once a month, now, often, three months elapse before the careless or negligent are called to account by the inspecting officer; and, surprising as it may seem, there are hundreds of premises in this District that might remain from year to year accumulating deposits of all manner of uncleanness—sources of zymotic poison to all the surrounding neighborhood—did not the law declare such neglect a crime, and send officials to instruct, notify, or punish by fine and imprisonment all who so offend. This service, with the present number of employés, can only be performed once in three months. Filth therefore remains often two months untouched, and disease, unmistakably, results. Still, there are not wanting many who count our service a bloated gormandizer of public funds, *presuming* to act in meddlesome interference with private rights, viz, the right of a man to continue to nourish and sustain on his premises, indefinitely, a reeking, offensive nuisance, to the common discomfort and danger of the community.

We come with expert experience and knowledge to teach the ignorant or careless how hazardous to the health and life of their families are these nuisances, and how they may protect themselves by abating them. And we go away branded as nuisances ourselves, and given to understand that the less frequent and shorter our visits, the more agreeable to our hosts. Were we not aware of many brilliant exceptions to the rule, and many intelligent, earnest advocates of sanitary regulations and enforcement, we might, indeed, despair of accomplishing that great good to which our daily experience and study point out the way as clearly as the sun at noon-day. And as results force themselves upon the attention of the individuals concerned, beams are cast out and notes more clearly seen. We who love the noble work hope and believe it will stand where it belongs, second to none of the vital interests of communities. And not until then may we expect to receive at the hands of legislators, representatives of the people, that substantial indorsement and support essential to success.

Although this reduction of the sanitary force has had the direct effect of allowing insanitary conditions to remain a longer time on premises and lots, in alleys, streets, &c., there has, nevertheless, been unusual activity and effectual application of means to abatement among the inspectors retained, as the various items will demonstrate.

Alleys, streets, and gutters have not been as often cleaned, and have consequently been in much more filthy condition than last year. This, we are informed, has been the unavoidable consequence of a lack of funds to pay such service—a melancholy fact, which, we trust, will never again be true of our District.

Of filthy houses, 424 have been reported. These were found in the alleys and low places, as were also 371 houses condemned as unfit for human habitation. Many of these have, through our notices, been cleaned, repaired, and rendered comparatively decent. In many parts of the city we find new blocks of houses and trim, neat little buildings of the humble class replacing the old, filthy, dilapidated shanties which

formerly disgraced them. This results from our persistent demands for better sanitary conditions. A large number still remain, and are ever-recurring cause of complaint. Of these, as of filthy lots and stagnant ponds, we often find the owners non-residents, which greatly complicates, sometimes defeats, our object.

Of stagnant ponds of water, 166 have been reported during the year found generally in the southwestern and northeastern sections of Washington. Their abatement has been prompt, and inestimable benefits have accrued to the neighborhood.

A large number (1,641) house sewer-connections have been ordered, and prompt compliance with our notices is the rule. There has been very little extension of the public sewers during the year, although many localities demand them as a sanitary measure, the soil being so saturated with rain and waste water as to greatly increase the prevalence of zymotic diseases.

Complaints of offensive water-closets, basins, &c., and the escape of sewer-gases in houses in the higher sections of the city, in consequence of the lack of Potomac water, have been frequent, although great improvement in that regard over last year is noticed. I trust that some permanent solution of this problem will soon be made, and families relieved from constant fear of fatal disease from this cause.

Consolidated report showing the condemnations of unwholesome food for the year ending September 30, 1876.

Date.	Beef, pounds.	Veal, pounds.	Mutton, pounds.	Bacon, pork, and ham, pounds.	Birds, rabbits, and squirrels.	Poultry, pounds.	Eggs, dozens.	Cheese and butter, pounds.	Potatoes, bushels.	Onions, bushels.	Radishes, bunches.	Cabbage and lettuce, heads.	Squashes and pumpkins.	Corn, dozens.	Cucumbers, dozens.	Egg-plants.	Tomatoes and turnips, bushels.	Kale, barrels.	Rhubarb, bunches.	Apples, bushels.	Peaches and pears, bushels.	Watermelons.	Cantaloupes.	Berries, quarts.	Cherries, bushels.	Cocoanuts.	Oranges and lemons, dozens.	Pine-apples.	Miscellaneous fruit and vegetables, bushels.		
1875.																														1	
October	349	192	923	945	7	84	35	33	13	9	722	11	928	120	714	12	17	46	301	141											
November	507	213	96	671	145	1,610	68	192	4	8	460	982	12	22	231	16	21	31													
December	461	92	38	51	397	673	56	56			239	492			23	23	19	18										4			
1876.																															
January	553	122	69	442	100	538	16	16			1,460	236			5	8												22	6		
February	1,258	66	61	536	12	138	1	1			7	430	60			22	3														
March	661	58	35	2,436		80	75	75	15	4,455	13					27	3														
April	696	448	196	1,191		107	57	57			263	1				4															
May	903	279	273	260		4	12	12			139																				
June	1,762	556	595	443		4	272				1,297																				
July	1,207	355	296	663		1,352	86				1,573			65	535																
August	862	229	177	694		20	530				1,642			501	456																
September	343	161	64	290		12	375				3,418			226	511																
Total	9,396	2,811	2,135	7,875	670	3,270	2,632	86	350	92	3915, 118	1,075	1,032	1,624	1,305	82	30	136	193	64	11,063	6,696	652	316	500	206	60	1,153			

Value of above, when of wholesome quality, \$11,926.68.

Upon examination of this statement, we find that an aggregate of 22,217 pounds of meat, 3,910 pounds of game, &c., 2,632 dozen eggs, 5,000 bushels vegetables and fruits, and 17,709 melons were condemned during the year and disposed of by the inspectors of food, being removed as garbage or sent to the soap-factories, and in no instance has our authority to condemn and seize been contested. In fact, this service has been received by the dealers with increasing favor. Consequently, our markets are, every month, improving in the quality of food offered for sale, and are acknowledged by hundreds of strangers visiting them during the past season, to be second in that respect to none in the country.

The reduction of the food-inspection force to two men since July 1st, renders it impossible to attend to other than the markets, and the wharves where marine products are landed. The small markets green-groceries, &c., throughout the two cities, upon which a large portion of our people depend, which formerly were carefully inspected, must now be almost entirely neglected. But, by aiming to condemn the unwholesome supplies in bulk, in the hands of the commission-merchants, we prevent much inferior quality from reaching the small dealers.

The annual report of the inspector of marine products, and a tabular statement herewith presented, is a valuable contribution to our knowledge of the supply of, and demand for, that variety of food at this market, and indicates the great value of this branch of the service, as well as the superior fitness of the officer specially charged with its onerous duties.

P. T. KEENE, M. D.,

Health Officer District of Columbia :

SIR: In presenting this my annual report for the year ending September 30, 1876, it is with pride and pleasure that I point to the vast improvement in the class of marine products offered in this market, and the sanitary reform produced among the dealers since the inauguration of the service in 1871. Formerly fish were brought up the Potomac in large numbers, regardless of the state of the market, the transportation generally being in open boats. Upon arrival here, they were thrown upon a wharf reeking with filth; exposed sometimes for hours in the sun, and then transferred to stands in the market and offered to the public in a condition totally unfit for food. When the inspection service was commenced, dealers at both wharves and markets were found loth to conform to the wholesome regulations imposed by the board of health, and every step looking to sanitary reform was hotly contested. Gradually, however, little by little, step by step, they came over. The public seeing the good resulting from our labors, it became apparent to the dealers that popular opinion as well as sanitary law demanded a change. Finding that it was to their own interest, they began cheerfully to respond, and to-day we find them urging every measure tending to the advancement of sanitary conditions. Instead of the repulsive, reeking, offensive stands of old, we have modern "refrigerators" and "ice-boxes," with all surroundings cleanly and attractive. The wharves, too, are kept in good condition, the majority of fish being brought on steamers packed in ice, and only removed in quantities sufficient for the demand.

The tabulated statement of inspections and condemnations, presented herewith, shows a slight decrease in both inspections and condemnations of scale-fish as compared with that of last year, and a small advance in shell-fish.

Date.	Inspections.					Condemnations.									
	Shad.	Tallora.	Herring.	Fish, bunches.	Sturgeon.	Oysters, bushels.	Clams.	Crabs.	Shad.	Herring.	Fish, bunches.	Sturgeon.	Oysters, bushels.	Clams.	Crabs.
1875.															
October				31,127	6	40,793					436		774		
November				96,856		60,941					141		161		
December				19,934		65,095					164		45		
1876.															
January				28,874		63,740					389		990		
February	21			90,479		45,510			21		74		110		
March	29,954		31,000	51,222		25,425	22,000	10,000	4		972		775	1,900	950
April	224,608	28,100	898,950	112,798		13,650	52,325	21,850	8	1,850	278		1,221	5,350	5,100
May	64,121	19,400	565,800	51,754	462	1,894	60,325	50,175	21		875	8	1,666	7,700	13,936
June	375		3,200	32,040	319	90	103,500	46,435			715	4	15	15,490	13,425
July				34,156	17	36	176,175	77,433			1,581	2	30	19,025	13,433
August				33,318	31	286	192,650	81,425			1,209	8	96	9,650	8,875
September				41,203	32	14,967	73,000	34,390			1,878	5	370	3,900	4,965
Total.	319,078	47,500	1,488,950	483,111	919	355,437	704,975	316,498	54	1,850	7,582	27	4,759	62,915	61,084

Value of above condemnations when of wholesome quality, \$6,601.70.

FISH.

The decrease of the shad and herring fishery of the Potomac during the past season has been of a most alarming character. Very few of the large seine-fisheries have continued throughout the season, a circumstance unprecedented in these waters. The "gill-nets" and "pound-nets" have continued as usual, although with very meager results for their labor and investment.

The causes of the decrease have reference, without doubt, to the great amount of fishing done. Within a few years, the "gill-nets" especially have multiplied many times, not only among regular and occasional fishermen who have adapted themselves to this line of employment, but also by the arrival of large numbers of fishermen from other States, more particularly from the Susquehanna and Delaware Rivers. Many of these new arrivals have been very completely equipped with nets, boats, and other apparatus, and have rivaled the resident fishermen in captures and skillfulness in their profession. The waters of the Potomac are, without doubt, overfished. Very little of the water coming through the Potomac reaches the Chesapeake without passing through the meshes of numerous nets, and it will be seen that it is scarcely possible for fish to ascend the river without capture, especially when there is no interim; most of the nets being in active use at all times, both day and night.

This extensive use of nets is the most probable cause of the decrease in the supply of shad and herring, although conjectures have been made, as stated in my last report, that the season and effect of certain winds at the time of the migrations of the fish into the mouth of the Chesapeake Bay have had much to do with the absence of these varieties. Whether this is true or not is a difficult matter to judge. The effect of cold in the early spring is generally considered to retard the abundance of the fish, as shad seem to lie outside and await an increase in temperature before they begin their migrations freely. This has been noticed in all the rivers of the coasts. Continual rains have considerable influence on the daily movements of fish in the rivers. Heavy rains in the upper waters carry a large amount of fresh water down to the bay, somewhat inciting energy and vigor in the shad and herring, they moving up more rapidly and making longer distances at each time. The fishermen argue, in opposition to this theory, that very heavy rains force back the salt and brackish waters several miles, which has an influence to prevent the fish from making migrations high up the stream, as finding fresh water low down they are satisfied to stop and not move as far up as they otherwise would.

The "salt-water tailor," or "blue fish," has been quite abundant this season, taken off Chesapeake Bay and vicinity. This is one of the most savage species of fish on the Atlantic shores. It not only kills to eat, but, striking right and left in a school of more defenseless fish, mangles and wounds merely for sport. Whether the presence of this fish on the coast has anything to do with the absence of shad and herring, I am unable to say; the whole question of the causes of the decrease is an intricate one, and requires a great deal of observation and study. The most evident cause, however, seems to be the great overfishing of the waters of the river.

Once more I would call attention to the imperative necessity of legislation or congressional action looking to a remedy for this matter.

An article in *Marlin's Gazetteer of the District of Columbia and Virginia*, published in 1835, enables a comparison of the present condition

of the fisheries with that of the date of publication. In a considerably shorter season than that of last year there were 22,500,000 shad and 750,000,000 herring taken in this river, and this exclusive of the rock-fish, sturgeon, and other varieties. These statements are confirmed by the older residents and fishermen on the Potomac.

The State of Maryland proposed a law during the early spring which, if it could be carried out and enforced, would soon solve this vexed problem of the decrease of fish. It provided for a limit of the general season; a weekly close between Saturday evening and Monday morning; a certain size of mesh to be used; licensing of all fishermen; the charging of a nominal price per square yard for seine, gill-net, horn-net, fyke-net, &c., according to size of mesh; the appointment of fish-wardens and river-police; imposing of penalties for any and all infractions; prohibiting fishing in the vicinity of the mouths of tributaries, &c.

There is said to be an old compact antedating even the articles of confederation, which provides that any law or regulation relating to the waters of the Potomac, enacted by either Maryland or Virginia, must be confirmed by both States before it is valid. This compact involves legislation for the Potomac in some difficulty, but it is sincerely to be hoped that the two States may soon combine and enact some code of laws to regulate the fisheries. Certainly, unless some remedial means are soon employed, the immense business of fishing on the Potomac will dwindle away to nothing.

OYSTERS.

There was an increase of 49,700 bushels in receipts over that of the year previous; and a decrease of 669 bushels in condemnation. This may be accounted for by the fact that an open winter prevented their freezing to any great extent, and, small prices prevailing, cargoes were quickly disposed of.

There is one, and only one, channel through which the public can have unsound oysters thrust upon them, and to this matter the special attention of the health-officer is respectfully invited. There are at the present time several hundred men employed in the business of hawking oysters through the streets in buckets. These men buy the cheapest oysters which can be procured, shuck them in the afternoon, and start on their journey through the streets next morning; selling probably one-half of them, they renew the quantity, and continue on the day following. This is kept up from day to day, the oysters rarely being more than half fresh, and often totally unfit for food. These men having no place of business at which their stock can be examined, it is impossible for the inspector to prevent the sale of such oysters. Complaints are frequent against them, and I would urge some action at an early date looking to a remedy.

There has been no material change in the inspection or condemnations of other shell-fish. The tabulated statement will, I trust, make a satisfactory exhibit of my labors for the year. My duties grow more pleasant as the service grows to perfection, and I sincerely hope the confidence enjoyed during the past I may continue in the future to deserve.

Very respectfully,

C. LUDINGTON,
Inspector Marine Products.

Statement of offal and dead animals removed during the year ending September 30, 1876.

Months.	Garbage.	Night-soil.	Dead animals.
1875.	<i>Tons.</i>	<i>Barrels.</i>	
October	282	4,143	
November	152	2,264	
December	170	2,353	
1876.			
January	328	1,963	
February	310	1,872	
March	305	2,156	
April	414	3,161	
May	430	3,157	
June	635	4,300	
July	543	2,275	
August	1,129	2,341	
September	841	3,127	
Total	5,539	33,022	41

The removal of offal, still a much-disputed question among sanitarians, is probably conducted with greater satisfaction in the District of Columbia than in any other city in this country. Although defective in many of its details, by no means fulfilling the ideal the board hoped to attain, the systems adopted have proven successful and have received the willing indorsement of the people benefited.

The quantity of garbage reported removed falls short of the same item last year some 1,461 tons, accounted for in the fact that a less number of melons and other bulky products were brought to our market during the present year, the summer of 1875 being particularly notable for the extraordinary profusion of vegetable products in this latitude.

The number of privy-boxes cleaned is less than last year some 2,700 resulting from two principal causes: first, the tendency of the people in the more densely-populated portions of the city to substitute water closets for the abominable, offensive boxes, disgusting relics of the past which should no longer be allowed to exist anywhere; second, the poverty of a very large number of the population who live in the alleys and outskirts of the cities. It is oftentimes impossible for them to pay the small sum required for the cleansing, hence their boxes are cleaned much less frequently; and such has been the case even among the class supposed to be better able, but obliged to practice unaccustomed economy. The employment of special inspectors for this service to prevent the accumulation of nuisances on premises has been productive of good results, but the fact still exists that hundreds of these poor people are unable to pay even this tax for cleanliness.

Of the 4,555 dead animals collected and removed, 1,092 were large such as horses, mules, and cows; the remainder were dogs, goats, cats, &c. The number of dogs impounded, not redeemed, and killed at the pound was 1,917.

Operations of the pound for the year ending September 30, 1876.

Months.	Animals impounded.								Disposition.						Cash received from fees and sales.
	Horses.	Cows.	Mules.	Hogs.	Goats.	Geese.	Dogs.	Total.	Redeemed.	Killed.	Dogs killed.	Died.	Returned.	Sold.	
1875.															
October	3	12	1	1	25	37	222	301	119	178	173	*1		1 horse, \$7 2 geese, \$1.	\$130 75
November	3	9			9	22		43	40	2				1 cow, \$9	50 25
December		5	1		19	16		41	35	5				1 goat, \$1.	37 00
1876.															
January		1			11			12	9	3					10 25
February		4			12			16	12	4					17 00
March	1		1		16			18	11	7					12 50
April	4	1			14			19	13	6					18 00
May	7	6	2				306	328	85	243	243				100 00
June	4	4			5		512	529	112	417	415				120 00
July	2	4			19	7	507	544	118	425	419		†1		119 50
August	6	5		2	7		467	487	108	382	378				126 25
September	5	5			14	11	225	330	85	245	240				90 50
Total	36	60	5	3	162	93	2,309	2,668	744	1,917	1,868	1	1	5	832 00

*Horse. †Goat.

POUND.

The lack of sufficient funds to defray expenses has also greatly crippled this important department of the service under my supervision during the summer months when domestic animals run at large and while the dog-days prevail. Nevertheless, the above statement compares favorably with former years, especially when we consider the fact that every year reduces the grazing-ground within the city limits, and teaches the custodians of cows, goats, geese, &c., how rarely any animal gone astray escapes the relentless impounder.

Double the amount now devoted to this service would be judiciously expended during nine months of the year.

The army of miserable curs will be recruited to such formidable strength as to demand the marshaling of a sufficient force for their extermination during the next warm season.

Cases of small-pox occurring in the District of Columbia during the year ending September 30, 1876.

Date.	Name.	Location.	Color.	Nativity.	Class of disease.	When vaccinated.	Removed to hospital.	Died.
1875.								
Nov. 7	Martha Watts	1627 Twelfth street N. W.	Colored	United States.	Confluent.	Previous to 5 years.	Nov. 7	Nov. 34
13	Ether Wilcoxon	740 Seventh street S. E.	White	do	do	do	Nov. 14	Nov. 17
14	James H. Webb.	1627 Twelfth street N. W.	Colored	do	do	Within 5 years.	Nov. 14	
14	Charles Watts	do	do	do	do	Previous to 5 years.	Nov. 14	
14	Mary Webb	do	do	do	do	do	Nov. 14	
14	Hannah Watts	do	do	do	do	do	Nov. 15	Nov. 17
15	Peter Watts	do	do	do	do	Within 5 years.	Nov. 15	
15	Henry Watts	do	do	do	do	do	Nov. 15	
15	George Watts	do	do	do	do	do	Nov. 15	
20	Martha A. Dalby	do	do	do	do	do	Nov. 19	Nov. 28
20	Elizabeth Tunnes.	do	do	do	do	do	Nov. 19	
22	Stephens Delby	517 Seventh street N. W.	do	do	do	Previous to 5 years.	Nov. 21	Nov. 28
23	Charles Brown	Alley 2 and 3 between B and C streets N. E.	do	do	do	Within 5 years.	Nov. 21	
30	William Young	Canal-boat, Georgetown	do	do	do	Never	Nov. 29	
Dec. 31	Alice Anderson.	55 Cedar street	do	do	do	do	Dec. 10	
1876.								
Jan. 2	Lillie Payne	481 Ninth street S. W.	White	do	do	do	Dec. 25	Jan. 17
9	Robert Thompson.	430 Seventeenth street N. W.	Colored	do	do	Within 5 years.		
31	Henry McDonald	1312 Tenth street N. W.	do	do	do	Previous to 5 years.	Jan. 28	
Feb. 13	John M. Quaws	430 Seventeenth street N. W.	do	do	do	Never		
15	Henry F. Quaws	do	do	do	do	Within 5 years.		
16	Frederick Anderson	Providence Hospital	White	Canada	do	do		
18	Virginia Gordon	313 Twenty-first street N. W.	Colored	United States.	do	do	Feb. 16	
18	Alex. Gordon	do	do	do	do	Never		
21	Teany Thompson	1707 E street N. W.	do	do	do	do		
21	Alice Thompson	313 Twenty-first street N. W.	do	do	do	do		
25	Jane R. Quaws	430 Seventeenth street N. W.	do	do	do	do		
26	Fanny Wilson	1732 R street N. W.	do	do	do	do		
27	Thomas Riddle	Norris alley, Georgetown	do	do	do	Within 5 years.		
28	Susan Williams	1705 E street N. W.	do	do	do	do	Feb. 27	
29	Alfred Hawkins	1705 E street N. W.	do	do	do	do	Mar. 15	
30	Maria Price	519 Twenty-third street N. W.	do	do	do	do	Mar. 23	
30	Polina Watts	Cedar street N. W.	do	do	do	do	Mar. 25	
31	J. H. Mason	do	do	do	do	do	Mar. 25	
31	Mary Hawkins	1740 E street N. W.	do	do	do	Never	Mar. 29	
37	Ann Brown	Twenty-first st. between N and O sts. N. W.	do	do	do	Within 5 years.		
41	Mary Price	519 Twenty-third street N. W.	do	do	do	When young		
11	Robert Smith	1727 Cedar street	do	do	do	Within 5 years.	Apr. 11	
11			do	do	do	do	Apr. 11	

Statement of services rendered by physicians to the poor, and cost of medicines furnished, during eleven months ending September 30, 1876.

Date.	Patients treated.			Visits and office consultations.	Cost of medicines.			Pay of physicians and clerk of records.	Cost of blanks, vaccine virus, and ointments.
	White.	Colored.	Total.		To white persons.	To colored persons.	Total.		
1875.									
October	204	421	625	1,357	\$50 22	\$106 46	\$156 68	\$500 00	\$30 00
November	140	297	437	853	36 94	69 73	106 67	500 00	.....
December	112	442	654	1,323	36 63	93 81	150 41	500 00	.....
1876.									
January	195	536	731	1,604	52 12	194 18	176 30	500 00	15 00
February	201	519	720	1,344	48 42	125 93	174 35	500 00	.....
March	351	852	1,203	2,285	76 74	158 47	235 21	500 00	111 00
April	243	509	752	1,939	92 95	185 98	278 93	500 00	8 50
May	210	454	664	1,321	70 50	103 20	173 70	500 00	37 50
June	298	626	924	1,401	81 36	160 21	241 57	500 00	2 70
July	251	491	742	1,759	58 75	92 28	151 03	338 00	.....
August	138	268	406	1,096	27 45	56 16	83 61	359 58	6 00
Total	2,443	5,415	7,858	16,182	652 05	1,276 41	1,928 46	5,197 58	210 70

The above table gives a very satisfactory exhibit of the services of the physicians to the poor, and the cost of medicines furnished, for the eleven months ending August 31, at which time the honorable commissioners suspended its operations. A calculation shows that 95 cents was the average expense of treating each patient, and that 16,182 visits or consultations were had. No city in this or any other country can show so extensive a service of that character as economically conducted. Nine earnest, competent physicians were devoting a large share of their time every day to the relief of the wretched and unfortunate sick of our District, working out a method of dealing with this question which we confidently hoped would meet the approval and adoption of all who interest themselves in charitable offices. No greater exhibition of the poverty of our District treasury can be published to the world than that no funds are available for this humane object. Not a day passes that several of the very poor do not apply to me for attention and medicine required by some miserable sufferer. And, as the cold winter wears on, incalculable sickness will result from this necessity. Must his disgrace upon our fair District of Columbia continue a bye-word to the whole country? Certainly some way, public or private, will be found out of this apparent unchristian disregard for these most distressful people living within our borders.

The following report of the medical sanitary inspector, and the consolidated table accompanying it, exhibits how important are the special duties assigned to that officer and how faithfully and efficiently he has performed them. I commend his statements—resulting from every-day experience among the very poor—to the careful consideration of the board.

DISTRICT OF COLUMBIA BOARD OF HEALTH,
OFFICE OF HEALTH-OFFICER,
Washington, September 30, 1876.

SIR: I have the honor to submit herewith my report as medical sanitary inspector, for the year ending September 30, 1876, including a consolidated tabular statement of cases referred for investigation and report:

Consolidated report of the medical sanitary inspector for the year ending September 30, 1876.

Cause of death.	Male.	Female.	White.	Colored.	Adult.	Children.	Infants.	Total.	Illegitimate children.		Buried at public expense.		Improper disposition of body.		Local cause of disease.	
									White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.
Atelectasis pulmonum cong. post natal	23	19	4	86			43	43	2	14	2	16				
Ascites	2	3	1	2	3		9	9				4				
Aplthia	2	1		2			1	1				1				
ulcerosa	2	1		2			1	1				1				
Apnea	1	1		1			1	1				1				
Albuminuria	1	1		1	2		1	1				1				
Apoplexy	1	1		1			1	1				1				
Anasarca	1	1		1			1	1				1				
Asphyxia	1	1		1			1	1				1				
Abscess phagedenic	1	1		1			1	1				1				
Bronchial congestion	1	1		1			1	1				1				
Broncho pneumonia	34	22	4	53	4	2	26	56	12	4	1	24				
Convulsions	37	23	5	55	1	13	48	60	1	22	1	24				
Concussion of brain	1	1		1			1	1				1				
Croup, membranous	1	1		1			1	1				1				
Congestion of lungs	1	1		1			1	1				1				
Convulsions puerperal	1	1		1			1	1				1				
Cerebro-spinal meningitis	2	1	2	1	1	1	1	3				1				
Cyanosis	1	1		1			1	1				1				
Crushed, (by falling earth)	1	1		1			1	1				1				
Cholera infantum	1	1		1			1	1				1				
Colic, bilious	1	1		1			1	1				1				
Cerebral congestion	1	1		1			1	1				1				
Debility, senile	6	10	6	16	16		3	16				3				
congenital	2	4	4	1	1		4	4				1				
Diarrhoea	16	19	3	33	1	13	23	35	1	1	1	1				
abdominum	1	2	2	1			3	3				1				
Diphtheria	16	15	23	6	3	25	2	28	2	1	1	3				
Dysentery	3	3	1	1	3	1	2	1				1				
chronic	1	1		1			1	1				1				
Edema chronic	1	1		1			1	1				1				
Erysipelas	11	11	9	20	1	4	18	22				9				
Exanthema	1	1	1	1	1		3	3				1				
Fever, (exanthematic)	1	1	1	1	1		3	3				1				
typhoid	1	1	1	1	1		3	3				1				
typhus	1	1	1	1	1		3	3				1				
maligna	1	1	1	1	1		3	3				1				
maligna	1	1	1	1	1		3	3				1				

[illegible]

Consolidated report of the medical sanitary inspector, &c.—Continued.

Cause of death.	Male.	Female.	White.	Colored.	Adult.	Children.	Infants.	Total.	Illegitimate children.		Buried at public expense.		Improper disposition of body.		Local cause of disease.	
									White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.
Typhoid fever.....	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Tubercular meningitis.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Varicella.....	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Varicella.....	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Valvular disease of heart.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	414	374	194	594	194	207	389	788	5	156	18	986	2	11	121	36

Reference to the above tabular statement will at once show the importance of this department of the board of health.

The wide range of investigation required by the variety and number of cases referred, the sanitary importance of the facts thus elicited, whether considered in their relations as to cause of death or local cause of disease, are of the highest hygienic importance and indispensable to a correct record of vital statistics of every densely-populated community.

This service will further develop as the area is extended to the numerous villages and rural portions of the District now not included on account of want of transportation to enable the medical sanitary inspector to reach the remote portions of the District.

Of the 788 cases referred to in the tabular statement, 194 were white and 594 colored, or as 1 to 3.12, and according to population as 1 to 9; a suggestive fact, showing the prevailing unsanitary condition of the colored population of the District.

Nearly one-half of the entire mortality embraced in this table is from infantile life, or below the age of one year. Of this latter class, 104 were still-births. A large percentage of the non-viable births and deaths in infantile life was directly traceable to prematurity of birth, to which the 51 cases of death from "congenital and post-natal atelectasis pulmonum" is attributable.

I cannot better explain this extraordinary waste of human life so largely represented by one class (the colored) than by quoting my remarks on this same subject (from the Annual Report of the Board of Health for 1874, page 232,) which are as follows:

This explanation is readily found in the unsanitary condition of a large majority or their homes, the faulty construction of tenement-houses and shanties, and the overcrowding of these filthy, unventilated abodes, where poverty throngs so many of the alleys of Washington and Georgetown. * * * The hard, exhausting labor, principally washing and scrubbing, that constitutes the only employment available to the mothers of this poor class of the population, directly induces the mortality of their offspring. In many cases, they are driven from the wash-tub or scrubbing-brush to the pains of childbed, from which they are compelled, in many instances even a few days or hours, to arise and resume their exhaustive labor for the support of their children.

Atelectasis pulmonum.—This is a frequent cause of death in infants of mothers in the poorer classes, especially of the colored population of this District. A large percentage of this class of infants do not reach the eighth month of utero-gestation, and the hard life of toil and privation of the mother has in many instances given her child but an imperfect physical development, and caused its premature birth; the imperfect expansion of the infantile lungs not admitting of sufficient respiration, death ensues from physical debility. In many instances, the vitiated air, charged with organic impurities from the bodies of overcrowded population inhabiting illy-ventilated tenement-houses and shanties, is so unfit for respiration as to poison the blood and extinguish the life of the new-born infant, that, under more favorable circumstances, would have survived. From this and similar causes result many cases of "post-natal atelectasis pulmonum."

Trismus nascentium.—Of the 52 cases of trismus nascentium, 4 are white and 48 colored, presenting the striking features of the unsanitary conditions of the colored population of our District.

Phthisis pulmonalis.—The ratio of mortality from tuberculosis of the lungs is greatly in excess among the colored, owing to the fact that the predisposing conditions, such as unhealthful abodes, inadequate and often unwholesome food, ignorance of and habitual neglect of sanitary laws, vice, and dissipation, are found to prevail among them.

Still-births.—No fact presented in the table will more forcibly impress the reader and student of vital statistics than the large number of still-births, aggregating 104 of the 788 deaths presented in the tables, or $\frac{1}{8}$ of the whole number. Of these, only 8 were white. For 81 days of the year 1874, the whole number of deaths represented are 111, of which 13 were still-births, or as $8\frac{7}{8}$ of deaths from all causes; and for 1875, of the 694 deaths represented in the report, 80 were still-births, or $8\frac{1}{2}$ of the whole number, all but 8 of which were colored. Thus, in three consecutive annual reports, covering a period of $2\frac{1}{2}$ years, and representing an aggregate of 1,593 deaths from all causes, 197 were still-births, presenting a uniform ratio for the time indicated. Do not the voice of humanity and the claims of sanitary science demand some remedy for this waste of infantile life, represented almost entirely from one race, (the negro,) living under the same laws, breathing the same air of freedom, enjoying the same rights of manhood and citizenship as the white man, by whose side he has struggled for the mastery over the common enemy that antagonizes human life, keeping pace with him in the ratio of natural increase, and in some of the States far exceeding him? Whence, then, is this sudden reversal of the order of things? Why is it that the registrar of vital statistics is compelled to announce in his reports the continual decrease of the colored population by deaths over births, while the white population is increasing by births over deaths?

Let us now first consider the fact that of 788 deaths, 104 were of infants in intra-uterine life, and next, that 51 infants of the 788 deaths succumbed from either prematurity of birth, imperfect or unhealthy development in intra-uterine life, or from the unhealthfulness of the atmosphere and surroundings, unfit to sustain an independent life, as is indicated by the deaths from congenital and post-natal atelectasis pulmonum. These, with numerous other facts developed in the tabular statement, go far to suggest both the cause and a remedy for arresting the decrease, by deaths over births, of an integral part of our population, who are entitled to the benefits of all the sanitary precautions and protection. To prevent this unnatural mortality, a thorough and persistent method of medical inspection is absolutely necessary. To accomplish this great mission and measure of good to humanity and society, the Board of Health of the District of Columbia *must be sustained by no less independent authoritative power than that of Congress.*

Bastardy.—An important element of the causes leading to this increased mortality is that of bastardy. Of 161 deaths of illegitimate children represented in the table, 156 are colored, thus showing the relation of cause and effect of a vicious life. The loss to society does not stop with this premature death of the offspring of bastardy, but extends further, and has an important financial as well as social bearing upon the community.

Again referring to the table, it will be seen that of the 302 burials at public expense, 286 were colored; and I may add also from personal knowledge, that nearly 70 per cent. of the total number of these burials at public expense were illegitimate children.

In my Annual Report for eighty-one days of 1874, page 230, the burials at public expense were 38 of a total of 111 cases reported; for 1875, pages 83 and 84 of Report, of a total of 289 of the 694 deaths investigated, or about the same ratio as for the preceding year; whereas for 1876 the number of burials at public expense, of a total of 788 cases investigated, 302 were buried at public expense, almost double the ratio of the two preceding years; and the number of births and deaths of illegitimate children have similarly increased.

I cannot better present the conclusions drawn from the facts and data I have stated, and the recommendations based thereon, than by quoting from my Annual Report for 1874 the following:

The large number of illegitimate births is not without hygienic importance, and is properly noticed in this report.

The moral and social aspects of the facts recorded ought, as they doubtless will, receive the attention of the missionary, philanthropic, and Christian teachers. * * * The extent to which this pernicious vice prevails in the District of Columbia is painfully indicated in the table, and calls urgently for the application of some effective remedy. I have often been surprised and pained at the want of appreciation these poor and generally ignorant people exhibit at the enormity of the illicit relations they maintain.

The stolidity that obtains among them in this regard is illustrated in the fact, that it is very seldom that the unfortunate girls, and confiding women of maturer years, whose confidence and hopes are so often excited by their seducers and co-partners in crime, resort to the courts or seek legal redress. Yet the burden of their life of toil, suffering, and privation is greatly enhanced, while their consciousness of and aspirations for a better life now and beyond the grave are withered and paralyzed by the dissipations and social debauchery of idleness and vice. From this class come most of the criminals who fill the station-houses at night and the criminals' dock of the police court every morning, while the unfortunate victims of their lust, infants and children, languish in filthy, gloomy hovels, without adequate food or raiment. I urgently suggest that if there be a law, either statute or municipal, punishing bastardy, that it be enforced against this moral and physical degradation. Let the grand jury call upon the registrar of vital statistics for any information that the records of his office may furnish of parties habitually living in open and undisguised adultery, often for many years.

Nothing else or less than this, I firmly believe, will ever effectually reach and abate this prevailing moral and social evil. Is it not the duty of the courts and board of health to co-operate in this no less sanitary than moral reform?

Local cause of disease.—Of the 157 references of this character to the medical sanitary inspector for the year ending September 30, 1876, a very large percentage of the premises were found in an unsanitary condition, and such local cause or causes existing as are known to produce zymotic disease of the more malignant type. By this class of inspection, the deadly lurking enemy is early brought to light, the unsanitary condition described, whatever be its nature, the corrective remedy suggested and promptly enforced; thus putting in practice in an important and effective sense *preventive* as well as curative measures. I believe I may safely say that it is not possible for epidemic or endemic disease to prevail in this or any community to any considerable extent, or for more than a short period of time, when an intelligent, faithful, and efficient system of medical sanitary inspection is enforced.

Our sister city of Baltimore, Md., has recently afforded us a striking and forcible illustration of the importance of thorough, vigilant, and intelligent medical sanitary inspection in any community.

The result and subsequent history of facts fully sustained the opinion of Dr. Steuart, the commissioner of health, that the late terrible endemic of typho-malarial fever at Fell's Point was of *local origin*, and that the shockingly unsanitary condition of Fell's Point should have been discovered and abated before it revealed itself in the development of a destructive endemic of malignant type of typho-malarial fever, by such a system of medical sanitary inspection as has been for nearly three years instituted and enforced in the cities of Washington and Georgetown by the Board of Health of the District of Columbia.

I fully concur in the opinion frequently expressed by Dr. D. W. Bliss and other sanitarians that the terrible endemic of yellow fever that recently desolated the afflicted city of Savannah, Ga., spreading death and desolation in hundreds of families, and paralyzing commerce in that devoted city, ought not to be permitted to occur, when an efficient board of

health is organized, clothed with adequate powers to declare what are deemed nuisances injurious to health, and to provide for and enforce the abatement of the same.

With a vigorous and efficient system of quarantine rigorously enforced, yellow fever ought never to be permitted to prevail to any considerable extent in any of the cities of our southern seaboard, or to occur at all, except sporadically, by importation.

When human life shall be estimated at its true worth by our national, State, and municipal legislators, and boards of health clothed with the necessary authority and supported in the execution of their great mission in conservation of the public health, demanded by the claims of humanity and interests of commerce, desolating epidemics and endemics of zymotic disease will not occur. Let us compare for a moment the cost to the city of Savannah and State of Georgia with the expense of a competent, well-organized board of health, with the loss of hundreds of lives of valuable citizens, the desolation of numerous families, and the paralysis of commerce that follow and linger long in the train of the desolating scourge of preventable zymotic disease, that has left its dark shadow around the fireside of so many heretofore unbroken and happy families. But we may not pursue further in this connection the thoughts suggested by the facts referred to.

It is to be hoped that this service, so well inaugurated by the board of health in our city, will not only be continued but extended, and that greater facilities be given to the inspector for the most thorough performance of his important duties.

Respectfully submitted.

W. D. STEWART, M. D.,
Medical Sanitary Inspector.

P. T. KEENE, MD.,
Health-officer.

8.—REPORT OF SPECIAL COMMITTEE ON VENTILATION OF THE HALL OF THE HOUSE OF REPRESENTATIVES.

To the honorable the Sub-Committee on Ventilation, (Public Buildings and Grounds,) House of Representatives:

GENTLEMEN: In compliance with your request, the undersigned members of the Board of Health of the District of Columbia, have instituted as thorough an investigation as practicable into the present defects in the ventilation of the hall of the House of Representatives. After full conference and interchange of views with eminent architects, engineers, and chemists, we proceeded to make a personal inspection of the extension wing of the Capitol, with a view to discover its insanitary conditions generally, (should such exist,) and especially the faults of ventilation, to which our attention was directed by your honorable body. We are fully aware that the subject has been for years one of anxious inquiry; that committees have not unfrequently been charged with the duty of suggesting improvements in a system by no means perfect, and that reports exist of great value on the evils complained of, embracing a useful variety of theoretical and speculative suggestions. The papers of Wethrill, Gouge, Stimers, Robinson, Reed, Clarke, Meigs, Hayden, Loughbridge, and others would appear to be exhaustive on the subject of which they treat, and yet defects linger in the present system of ventilation which call loudly for correction. The principal objects to be

attained by a proper system of ventilation are : the introduction of fresh air in sufficient quantity for healthy respiration ; the preservation of the air at the proper temperature ; its adequate hydration in winter when required to be heated ; and the successful removal or displacement of the impure air. The present plan of propelling the outside air into the building by means of fans, together with the appliances for the displacement of impure air, are too familiar to require special description.

We now beg to suggest certain improvements, which (it is proper to remark) are chiefly the conclusions of Mr. Adolf Cluss, an eminent architect of this city, who has devoted much time and study to the sanitary requirements of public buildings and private dwellings, and whose designs have in this regard been rewarded by a medal of progress at the Vienna International Exhibition.

In the progress of our work, we have carefully measured the air as it is drawn in from the terraces through the fan-wheel, and have pursued it through the coil-chamber into the hall. On the other hand, we have measured it from the moment it issues through the openings in panels of ceiling, followed it through the loft to the down-shafts, and, after having passed through the exhaust-fans, measured it, and tested this again by a final measurement at the mouth of the foul-air shaft, where it discharges into the open air, about four feet above the surface of the roof of the corridors connecting the House with the old Capitol. The experiments were made in calm weather, when the engineer had on nearly thirty pounds of steam, when the fan-wheel sucking in fresh air made about forty-six revolutions per minute, and the exhaust-fans about thirty-eight in the same time. We found that 24,660 cubic feet of fresh air were drawn in at a temperature of about 54°. This, having passed through the coil-chamber, was measured again at the inlet into the main warm-air duct of the House ; 26,526 cubic feet of hot air, at a temperature of 130°, were measured, and, after computation, it was ascertained that 24,660 feet will swell in volume to about 26,520 cubic feet when heated from 54° to 130°. Thus the accuracy of the measurement was tested. This air is consumed at a temperature of about 68°, so that the volume for actual use was about 25,000 cubic feet. We have ascertained that no difficulty exists in running the fan-wheel to fifty-five revolutions per minute, which will furnish a supply of 30,000 cubic feet for that period.

Our measurements give a seating capacity in the galleries of about 1,400 persons ; add to this 300 Representatives, and as many attendants and visitors, and we shall have at least 2,000 persons in the hall, each person having a supply of 15 cubic feet of air when the present apparatus is worked to a safe maximum capacity. The demands of the most successful modern investigations of human life are not less than 35 cubic feet per minute for halls occupied by protracted sessions, according to which not more than 900 persons occupying the hall and galleries can be assured of the full benefits of fresh air.

For this deficiency, the original constructors of the Capitol are not properly censurable, since sanitary science is of recent origin, and was very imperfectly comprehended twenty-five years ago, when the plans for the Capitol extension were adopted. At that time, it was believed that 15 cubic feet were sufficient for hospitals containing the ordinary sick, a deplorable fallacy demonstrated by improved instruments for the exact measurement of air-currents. The air now entering the hall is not hydrated, provision for that end having been most injudiciously dispensed with several years ago. The reason stated, as we are informed, for this omission is that it was found to be of no use to furnish moisture

simply to become absorbed by the hot bricks of the air-ducts. The plastering of these ducts with Portland cement would have easily corrected the evil if it existed, and also have benefited the working of the apparatus, since the smooth cement surface would have decreased the friction of the air now moving over the rough brick walls of the ducts. When the air was hydrated, it appears that a trapped connection was made with the sewer by a 3-inch metal pipe, which carried off the waste-water supply. This must have rapidly evaporated from the trap of the 3-inch waste-pipe, and it is believed that until recently sewer-gas was carried into the hall through this unplugged inlet. Your present engineer has the credit of discovering this startling source of contamination of the House air. We suggest that the neglected system of hydration be restored, and the principal duct lined with tin, since the sheet-lead formerly used has been abstracted in large quantities, and is in itself liable to poisonous chemical changes with the contents of the pipes, which should be avoided. Cast-iron patent heaters obstruct the passage of the air in some of the ducts. They have evidently been inserted by some enterprising mechanic without due reflection, and should be removed. The wood-work of the floor of the hall forms in many places the ceiling of the hot-air ducts, which cokes the timbers so thoroughly that a match carelessly applied by a mechanic making repairs might involve the whole floor in a blaze. The wood, moreover, is thus tending rapidly to a condition favorable to spontaneous ignition, an accident which not unfrequently occurs from similar circumstances. Your committee will be promptly convinced of this fact by entering the duct from the large northwestern floor-register in the hall.

After we had concluded our experiments in the supply of fresh air, we passed over to the discharge of the vitiated air. We found it to escape quite uniformly and with a low velocity, principally through an open space about 1½ inches wide, all around the four sides of the other tier of the glazed panels of the ceiling. It moves upward to near the surface of the large sky-light, where it is cooled off very considerably in its slow march, and is thus drawn out to the down-shaft by the exhaust-fans in the cellar. We find a discharge of 28,000 to 29,000 cubic feet per minute from the air collected in the loft, but besides the air for the hall (and probably in part for the corridors around the hall) a quantity of air from various spaces finds its way into the down-shaft, so that in calm weather they discharge about 32,000 cubic feet per minute. Many of the late troubles are no doubt due to the deficient height and unprotected mouth of the east shaft during boisterous weather. This we think should be promptly remedied.

We do not perceive any difficulty in making a connection of the splendid draught in the up east shaft with the restaurant-kitchen, which, when established, will have a tendency to draw foul air from the numerous stagnant nooks and corners in the cellar.

The first suggestion therefore looks to a modification of the upper end of the foul-air stack, which discharges into the open air above the roof of the Capitol extension, but several feet below the adjoining southern gable-wall of the old part of the building. Near to this wall, and about twenty feet apart, are the smoke-stacks proceeding from the boilers, and the foul-air stack, through which the vitiated air of the House is forced out. Both these were formerly of the same altitude, but there is evidence that the smoke-stack, after its construction, doubtless on account of its imperfect draught in certain states of the atmosphere, was raised above the adjoining wall. This alteration, strange to say, was

not made in the foul-air shaft, although equally demanded for the uninterrupted escape of the impure air. (See illustration No. 1.)

It is, therefore, proposed to raise the foul-air stack to the height of the other, and so construct its highest point as to render it independent of the disturbing influences of air-currents retarding the escape or forcing back the vitiated air seeking an outlet. The wind blows in our city frequently with a velocity of 50 feet per second or more; that of the ascending column of foul air is about 20 feet per second. Since the wind always blows with a greater or less angle of inclination toward the horizon, the ascending powers of the foul air will be more or less affected, and under adverse circumstances completely arrested by the effect of the vertical component of the power of the wind, whenever the large discharging-orifice (in this case about 27 square feet) is unprotected.

After protracted experimental study, Mr. Cluss has successfully overcome a similar difficulty in the new public-school building in Georgetown, to which attention is invited. (See diagram No. 2). The stack is topped out in the shape of a chimney-head, so constructed that the force of the wind is deflected to a horizontal direction by a series of horizontal plates, at close intervals of about 8 inches, and in number furnishing the required area in the interstices between the plates. These plates are open for the area of the stack in the clear, but a close square plate covers them on top. From whatever direction the wind blows, it thus finds at the side a sectional area equal to that of the stack itself, through which the foul air can escape. The wind is thus made to assist the discharge of the foul air, instead of impeding it, as is the case in an unprotected open stack, or one supplied with a naturally-constructed ventilator-head. In calm weather, the ample open areas on the four sides will allow the foul air to escape as freely as though the stack was entirely open. Since the expense of this change will be trifling, we respectfully suggest that it be afforded a trial.

We may be permitted here to say that not the least important objects of ventilation are the cellars, basement, and water-closets on the ground-floor. Miscellaneous odors of a bad character from the restaurant-kitchen and other sources linger there, and find their way up through open doors and wall-holes by easy preference into the hall, the air of which is extracted by the exhaust-fans. An easy communication can be established between the kitchen and the foul-air shaft, which must result (by suction) in a removal of the air to a greater or less degree throughout the cellar.

A range of water-closets on the ground-floor, used daily by perhaps two thousand persons, seems to be simply ventilated by a connected register, which indicates hardly any draft whatever. Why not at least keep an extra-sized gas-burner lighted in such a flue, so as to give motion to the air, instead of allowing it to be diffused through the building?

The mode of gathering the foul air from the House hall, on its way to the foul-air shafts, also deserves consideration. It escapes through numerous apertures in rosettes and open spaces at the sides of the glazed panels of the ceilings into the open loft, with the air of which it freely mingles. The loft is separated from the outer atmosphere simply by large surfaces of glass, and communicates in many places with the outside air in consequence of small settlements in the building since its construction, shrinkage, and other joints from alternate contraction and expansion, caused by active changes of temperature. These facts render it by no means certain that all the air passing to the foul-air shafts

actually comes from the bottom of the hall, though a large proportion may enter from the hall-corridors in rear of the galleries, by means of the doors, which are so frequently open.

A number of conditions contribute largely to the vitiation of the House atmosphere, prominent among which is the promiscuous crowd which frequent the galleries and lobbies, not a few of whom are desirable candidates for the bath-tub and crash towel. These beings find in the seats convenient lounging and sleeping corners, their bodies giving out the greatest impurities, and their places supplied not unfrequently, when they retire for the night, with regiments of diminutive cavalry in light marching order. Under the most favorable conditions, the air becomes more or less charged with effete organic matter exhaled from human bodies. This not only combines with carbonic acid when the air is heated, but, when chilled, descending, becomes absorbed and retained by all porous material, especially upholstery. Hence, if possible, all such substances should be excluded. On the floor of the House, the seats should be covered with the least absorbable material, as polished leather. Frequent washing of floors, walls, &c., and periodical attention to the cleansing of carpets, constitute important sanitary measures, not to be neglected. Everything which by possibility affects the purity of the air enters into a proper system of ventilation.

Another subject inviting attention in this connection is the sewerage, which has not hitherto received the attention its importance demands. Until the fall of 1875, the sewer draining the United States Capitol discharged its contents into the open Washington Canal. This canal has been converted into a main sewer for a length of 3,000 feet beyond the mouth of the Capitol sewer. (See map No. 3.) This main sewer drains 3,000 acres, or one-half of the whole area of the city level for this entire distance south of the Capitol sewer, and for the space of 1,500 feet higher up to Pennsylvania avenue; and, since sewer-gases seek the highest point, the Capitol sewer, which now enters it freely, forms a sort of ventilating shaft to this new sewer, on account of its ascent up the line of Capitol Hill. The mouth therefore of the Capitol sewer ought to be effectively trapped, and a shaft built over the trapped part for easy access and control in case any sediment should be deposited therein. A sketch (No. 4) is herewith presented showing that to clean this trap will require no more labor than is needed for traps at the corner of two intersecting streets. It is not believed, as has been recently asserted, that the mouth of this sewer is now under water, since the level of the (tide) water is no higher in the present sewer than it was in the old canal, when the mouth of the Capitol sewer was always exposed in ordinary tides, although submerged during spring tides and freshets.

If a radical change in the heating and ventilating be entertained, as we hope it will be, we shall recommend that the fresh air (warm or cold, as the case may be) be forced in from the ceilings, where the warm air, in consequence of its smaller density, will be rapidly diffused over the whole surface of the ceilings, cool off in contact with ceiling and side walls, and be slowly pressed downward, followed by succeeding layers of hot air until it comes in the region of the ventilating or foul-air registers, through which it will be removed from the hall by the action of the exhaust-fans with a low velocity; thus the movement will uninterruptedly proceed as long as the proper balance between the action of the supply and the exhaust machinery is maintained by intelligent and faithful engineers.

We do not see any practical difficulty to this arrangement. The air from the present coil-chamber, instead of being forced down into the

present main hot-air duct, would rise to, and above, the high ceiling of the coil-chamber, to the level of the ceiling of the hall. Thence it would be forced over the ceiling of the hall with no more difficulty than is now met underneath its floor. The outer tier of the glazed panels of the ceiling, 32 in number, is hardly of any use for light. Ducts constructed of two thicknesses of sheet-metal, with an interstice filled with non-conducting material, such as ground pumice-stone, ashes, &c., should be tightly fitted to a properly-shaped outlet, from the highest point at or above the old coil-chamber. The ducts should be extended all around the ceiling over the above-named tier of panels, and openings on the lower face of the ducts should be tightly fitted to those panels. These panels have not at present perpendicular open spaces of about $1\frac{5}{8}$ inches in width for the escape of foul air. The height of this space would hereafter be so regulated as in the aggregate to present the most favorable sectional area for the ingress of the fresh air, which will be forced in with a low velocity.

The present doorway from the coil-chamber to the main hot-air duct would be walled up, when the net-work of the present hot-air ducts would, with the slightest modifications and alterations, be made available for use as foul-air ducts by simply constructing connecting ducts with the down-draft stacks, which are in convenient proximity. The efflux of the foul air should be provided for through the boxes at the side-walls of the hall near its floor, through a few floor-registers, and through openings in the risers of the passages between the amphitheatrically-arranged seats, but the open risers under the feet of the members should be closed, as objectionable to comfort and health of the members.

The proposed compound system of impulsion and exhaust hinges upon the preponderance of the force by which the fresh air is driven in through the ceilings and upon a moderate action of the suction by the exhaust-fans, so as to avoid a suction of air and consequent drafts through the 39 double doors leading to the House hall from corridors. By following this principle, the open fire-places in the retiring rooms around the hall will be more important auxiliaries of the new system, which would not be the case in any plan similar to the one we propose, but in which the exhaust process of the foul air would preponderate, since in the latter case the smoke from the fire-places would be drawn back into the hall and thus be in conflict with the system much more than at present.

It is believed that when the ducts admitting the fresh air, as well as those discharging the foul air, are brought under perfect control by confining the current of air within the required sectional area, there will be a vast gain in the useful effect of the present machinery. The sectional areas of the supply-ducts at present increase and diminish, branch off, diverge, wind in all possible directions, and at times open altogether in the dead spaces below the risers of the House floor, which want of system must result in a most serious waste, and must impair its efficiency.

In recapitulating, we beg to state that, besides the thorough remodeling of the system of heating and ventilating the House hall, we propose, by way of modification of the present system:

1. The raising and perfecting of upper end of upcast shaft for discharging foul air.
2. The ventilation of the cellar by constructing a duct from kitchen to the upcast shaft.
3. Attention to the ventilation of the ranges of water-closets on the ground-floor of the building.

4. The careful trapping of the Capitol sewer at its junction with the Tiber main sewer.

5. Re-instatement of the hydration of the hot air.

6. A lining of the hot-air ducts near their junction with the coil-chambers with tin. This will be only necessary for a limited distance and need not be extended into the smaller ducts.

7. Proper guards should be put in by which the fresh air in its rapid course is arrested at the numerous narrow slots through which warm air is expected to reach the warm-air register at the side-walls of the hall.

To come up to the standard of the present time, some steps should be taken during the next recess of Congress to increase the power for the supply of fresh air, and this is a feature of our proposition looking to mere changes of detail, as well as of those advising a thorough revisal of the whole system with its shiftless labyrinth of air-ducts under the floor of the hall.

In conclusion, it may not be out of place to outline the exact calculations by which the scientists of our day have proved the utter insufficiency of the arbitrary assumptions so recently in vogue. Man exhales daily $17\frac{3}{4}$ cubic feet of carbonic acid at 32° , which at 65° expands to $18\frac{1}{2}$ cubic feet. Exhaled air contains four per centum of carbonic acid, and consequently these $18\frac{1}{2}$ cubic feet of that gas are distributed through 472 cubic feet of air, which each individual absolutely needs for respiration. If the air does not return to the lungs charged with four per centum of carbonic acid, then for each quantity of exhaled air an equal amount of fresh air must be introduced into the room. This minimum, however, is by no means the correct expression of the smallest want, since it cannot be assumed that such an intense mixing and motion of the air result from it, that, on the one hand, the carbonic acid would be equally distributed, and, on the other, the exhaled air would be removed so fast that no part would be returned to the lungs. To obtain success, the above 472 cubic feet must be multiplied with at least eighty, in order, probably, to obtain air charged with no more carbonic acid than $\frac{1}{10000}$, which is the normal ingredient of outside air. But since the diffusibility of the gases is never so uniform that this condition is reached, there are still found, with such a ventilation of 1,575 cubic feet per hour and head, from eight to ten parts of carbonic acid in ten thousand parts of air. These figures appear to be high; still the experiments of Morin, Pettenkoffer, and many others of world-wide reputation, agree in this respect.

Carbonic acid serves as an indicator of miasmatic contents and other deteriorations in the air, and, as such, is used in argument to simplify the problem.

The maximum contents of water in healthy air is one-tenth pound in 2,100 cubic feet, the quantity required per head and per hour in conditions similar to those existing in the hall of the House of Representatives. The actual contents of the air should neither exceed the maximum nor be much below it; for dry air, resulting from the abstraction of moisture from the human body, produces a peculiar sensation of headache and dizziness. If the aqueous contents, on the contrary, are in excess, the lungs cannot expel as much water as the organism requires, and thus transpiration, or perspiration, is rendered impossible. The products of transpiration, or perspiration, *i. e.*, sweat and evaporation, will, with the exception of aqueous vapors, be likely to escape chemical analysis, but are perceptible to the olfactory nerves.

We have now disposed of the subject presented for our consideration as we have been able in the limited time allowed and consistently with other pressing duties. If not presuming, the board would respectfully

suggest that they be authorized to prepare for the consideration of the next session of the present Congress an elaborate and full report, suggesting such methods as will secure the best possible sanitary conditions both in the Capitol proper and the various other public buildings in which Government work is conducted, in which heating, lighting, sewerage, and ventilation are defects of the most serious character and extent, calling loudly for correction. A reference to the Third Annual Report of the Board of Health (pages 43-44) will fully illustrate the disgraceful insanitary conditions of the Government buildings. A very moderate appropriation, to be strictly and economically applied, would enable the board to institute suitable experiments, and avail themselves of the experience and co-operation of distinguished scientists, in maturing a report covering the entire field of sanitary reform, and embracing suggestions and propositions of practical value and importance.

We have the honor to be, very respectfully, your obedient servants,

CHRIS. O. COX, M. D.,

D. W. BLISS, M. D.,

T. S. VERDI, M. D.,

Committee.

SUPPLEMENT.

Mechanical detail.

Five boilers of nearly 5 feet diameter and 15 feet in length are at present at disposal for generating steam for heating the coils, for forcing the air in, for the exhaust-fans, for the bath-rooms, wash-basins, and so on. The generating power thus seems not very contracted, but after eighteen years' use some of the flues have most likely become defective. These boilers should be thoroughly overhauled after the recess. A fan-wheel of increased power for the supply of fresh air, and an engine of enlarged power to drive it, will be indispensable for reaching a higher standard of ventilation, while the present exhaust-fans are deemed ample.

There were formerly four large coils of steam-pipes in the heating-apparatus for the hall, but of these one was taken out last summer, so that this winter there were only three coils in the old chamber, leaving a large unoccupied space, which is unfavorable for the regular working of the apparatus; the fourth coil has evidently been taken out because after eighteen years' use it had become leaky and inefficient. An examination shows that whole sections of the coils still in use are in the same condition; that the heat is shut off from those sections, and that the concerned piping is just so much dead material in the coil, obstructing the passage of air without doing any service whatever. As at present arranged, the whole coils are filled with steam, when the hall is being heated up in the morning, with about 12 pounds pressure on the coils, but, except in extreme cold weather, a pressure of but about 2½ pounds is used for the rest of the day, when only about 4 feet in height of the coils, measured from the upper face down, are filled with steam, and consequently hot. At such time, the air blows irregularly into the main air-duct; a hot puff from the upper part of the coil is often followed by a cool puff through the lower cold part of the coil.

If the present system of heating by impulsion of warm air from the lower part of the hall is maintained, measures should be taken to make better use of the energy exerted by the engine, since at present there is

no due proportion between *useful* and *wasteful* work done. The coils should be lowered, the tongue between the lower part of the coils and the hot-air chamber to be lowered also; the three large-sized windows in the outer wall of the coil-chamber should be walled up or made double for economy for heat, and but small openings, filled with thick, hammered glass, for admission of a moderate amount of light, left; the ceiling of the coil-chamber should then be lowered, so as to be little above the top of the inlet door to the hot-air chamber, to which it should be drawn down with a slow curve, so that the velocity of the currents of air is not abruptly changed, or that obstacles to their regular movements are found. If, as per some of the reports of the architect, which, it appears, are only partially followed, the dead space below the raised floor of the hall is to be used as a reservoir for the hot air, ordinary caution advises the plastering of the wood-work on the under side. Since the coils are out of repair, and need, at all events, a thorough overhauling, we should recommend, for economy of heat and facilities of repair, that these coils be separated into compartments about 5 feet high each. These coils, instead of having vertical side-interstices all the way up, would thus be set zigzag fashion.

It is remarkable that, on the one hand, one of the four heavy coils has been taken out, and heat has been shut off from many sections of the remaining three coils, and that, on the other hand, this deficiency so created has been compensated by obstructing the inner hot-air duct with patent steam-boxes, or radiators, against all rules derived from the observations of the easy circulation of currents of air or similar gases.

If these coils, as at present, were deemed sufficient, why not cut off one-third of the height of the remaining three coils, put that amount of steam-pipe in the now empty space of the fourth coil, decrease the present disproportionate height of the coil-chamber, and let the warm air pass straight in the warm-air ducts, instead of allowing it to rise high up, and forcing it down again to the level of the warm-air ducts. This would not be mentioned if it were a mere waste; but since there is reasonable complaint about the want of efficiency of the means now at disposal, it is necessary to call attention to anything tending to increase useful effect.

The imperfect use of power generated is still more apparent in the arrangement of the exhaust than in the supply. Let us assume a present discharge of 470 cubic feet per second; these will reach the external atmosphere as follows:

1st. Through an aggregate area of 350 square feet in openings of ceilings, giving a velocity per second of $1\frac{1}{2}$ feet.

2d. They spread in the open loft over an area of 12,900 square feet, giving an average of $\frac{1}{2}$ of a foot.

3d. They pass in the chamber in front of the down-shafts, through an opening having 52 square feet, and resulting in a velocity of 9 feet.

4th. They move into the down-shafts through two openings, aggregating an area of 22 feet, and resulting in a velocity of 21 feet.

5th. They are drawn through the two down-shafts, which aggregate an area of 50 square feet, and give a velocity of $9\frac{1}{2}$ feet.

6th. They issue from the exhaust-fans by two circular pipes of 3 feet diameter, having an area of 14 square feet, and giving a velocity of $33\frac{1}{2}$ feet.

7th. They pass up through the upcast-shaft, having a sectional area of 33 square feet, giving a velocity of 14 feet.

8th. They discharge through the mouth of the upcast-shaft, having a sectional area of 27 square feet, resulting in a velocity of $17\frac{1}{2}$ feet.

The velocities are thus, *seriatim*: $1\frac{1}{2}$ feet, $\frac{1}{2}$ foot, 9 feet, 21 feet, $9\frac{1}{2}$ feet, $33\frac{1}{2}$ feet, 14 feet, $17\frac{1}{2}$ feet. Whoever has driven a horse may know what is the result of giving an impetus and slackening speed at such hap-hazard.

As for the earnest suggestion for the adoption of heating by *down-drafts*, we beg to suggest that Mr. Jencks's committee of 1871 left this an open question. They complain that the champions of this method have not presented any reasonable plans of alterations, and say that the changes made under their direction will make it easy hereafter to adopt a downward ventilation if adequate results are not obtained. They were afraid to shoulder what they call a total revolutionizing of the arrangements of the building, involving an expenditure of \$700,000 and over on the House side, as per Engineer Stimer's plan.

We herewith present a plan which does not require any revolutionizing of the present arrangements. Indeed, we take advantage of, and fall back upon, many of the ideas originally entertained and incorporated in the building, as per report of General Meigs to the Secretary of War in the year 1853, which was indorsed by Professor Henry, the Secretary of the Smithsonian Institution, and by Professor Bache, the Superintendent of the United States Coast Survey. At that early time, the problem was in its infancy; but it has stood the test, and has been introduced with success since that time in some of the most successful and largest structures in Europe, prominent among which is the Grand Amphitheater of the Conservatory of Arts and Trades in Paris, finished in 1864; the Houses of Parliament; and many of the largest halls in England, and so on.

The feasibility of introducing downward heating and ventilation for the hall of the House became clear to us only after a thorough study of all the details of the present apparatus, locating its component parts with mathematical accuracy on plans and sections of the building, as taken from actual measurement, and comparison of same with photographs in circulation among officials and professional men.

If the heated air had to pass out from the ceiling of the coil-chamber, the heat would do what it does not do now, it would regulate itself. In cold weather, when the pressure is kept up at a high mark all day, it would pass through hot steam-pipes for the whole height of the coil, while, as the weather moderated, it would pass between a less quantity of hot steam-pipes exclusively, as is now sometimes the case, and explained before; this because the heated air in its upward movement would reach the ceiling of the hall, while now it takes a route worse than that of a camel's back gradually weakened by age, as illustrated by the quaint steam-boxes in the hot-air ducts, and at last broken as by a straw, at, or rather before, the commencement of the present session of Congress.

We are not blind partisans of downward ventilation. We are well aware that for a class of huge structures, with enormous chandeliers, like opera-houses, which are exclusively used at night, the heat created by thousands of gas-lights has been most effectually made use of for inducing regular upward currents of the foul air; but it is of record that in no successful modern structure of this class the fresh warm air is allowed to pass through the building right up to the ceiling without doing any good service, as for instance in the case of the large floor-registers in rear of the members' desks in the hall of the House. Invariably, the air is made to escape through registers in rear of pit, boxes, and galleries, to be sucked by "aspiration," as it is called, into the

main outlet-ducts, in which a draft is produced by the heat from the gas-lights.

A suggestion repeatedly made before this, that a person be stationed in the loft for regulating the louvers under the skylight in the roof, according to the frequent changes of the intensity of light in clear or cloudy weather, is respectfully called attention to.

With the adoption of down-draft heating, the space between the skylight in the roof and the light-panels in the ceiling should be encased with galvanized iron, and painted on inner side with a light tint, so as to reflect light, which will be beneficial in cloudy weather, as well as in clear weather, when the louvers have to be partially closed to shut out the direct rays of the sun.

Among minor details, we suggest to have thermometers and hygrometers in various parts of the hall communicate by electrical apparatus with the room of the engineer in the cellar, so as to do away with the old-fashioned chase from the cellar to various parts of the hall, and inverse, which is now necessary to give satisfaction.

It is impossible to know the exact state in which the machinery and piping now is, still we can guarantee that all improvements suggested could be carried out within the sum of fifty thousand dollars, and any required guarantee could be easily obtained to insure complete satisfaction.

9.—REPORT OF THE SPECIAL COMMITTEE ON MUDDINESS OF THE POTOMAC WATER.

The special committee to whom was referred the resolution of the House of Representatives regarding the muddiness and impurity of the Potomac-aqueduct water, have the honor to report: That the matter of the impurities which at times have rendered the Potomac-aqueduct water offensive to sight, smell, and taste has frequently commanded the attention of the board of health, and chemical examinations and microscopical inspections of the water have been made to ascertain the causes of such impurities, as will more fully appear by reference to the several annual reports of the board.

The muddiness is due to an occasional extraordinary flow of surface-water, caused by heavy and continuous rains, the melting of ice and snow over an extensive surface of upturned soil along the banks of the river, and the numerous streams flowing therein; that this muddiness occurs particularly during the early spring, when the frost leaves the ground in a spongy and soft condition, easily dissolved or carried away by water-flows. At other seasons, the growth of vegetation retards the flow of the surface-water, thus giving it time to soak through the earth, thus causing the water to undergo a process of filtration through the substrata of sand and gravel lying at some distance below the surface.

Vegetation is not only a mechanical but a chemical system of purification, for foul water passing through the soil imparts life to the plant through the cellular tissue through which it passes, giving up elements for the nutrition of the plant. It is by this operation, and the natural purification by sand and gravel, that foul water entering a field comes out fresh and pure as spring-water. Another source of the impurity of water at certain seasons, particularly during the summer, when the water is rarely disturbed by storms and rains, is what is common to all stagnant waters, namely, the generation of animal and vegetable life,

as *conservæ*, *algæ*, and *infusoria*. The heat of the season also contributes to the propagation of said vegetable and animal life. This has occurred in our rivers, streams, and reservoirs several times, when the water became very offensive, at least to the olfactories. These plants and animalcula generate very quickly, and in a very short space of time the surface is covered with them; but their organization is so imperfect that a heavy rain or a strong wind destroys them, and the water then becomes sweet as quickly as it became foul and offensive. After a strong wind, the shores of our reservoirs have been found to be covered with a green vegetation, cast upon them by agitation of the water; the water is then clear. *OUR people have often been alarmed* at the condition of the water in summer, and have attributed the foulness and bad smell to the presence of fish or spawn; but that is an error, as the reservoirs are protected by screens, through which only the minutest fish can pass, and, moreover, living fish would not impart to the water the offensive smell that characterizes it. An occasional fish may get into the water-pipes, die, and putrify, and when this is found it will suggest that as the cause of the trouble; but in that case the trouble would only be local, not general.

The differences in the kind and quality of animalcular life depend not merely upon temporary storage in reservoirs, but also upon the condition of these as to cleanliness. If they contain much mud and sediment and accumulation of organic matter, then we may look for the presence in abundance of minute annelids, or worms. Reservoirs are exposed to light, air, and the sun; the air depositing on their surface many of the animalcules contained therein, and the water finds through light and heat an excellent field for propagation. It is well known that distilled water exposed to air and sun soon becomes alive with animalcules and putrid from their decomposition. So it is with reservoir-water and with sluggish rivers. The surface becomes covered with *algæ*, a nucleus for the shelter, growth, and development of the *infusoria*. Instead of being decomposed fish, as was supposed, that occasionally gave bad smell to the water, it is this decomposition of this imperfect vegetation and animal life that gives rise to the formation of sulphureted and phosphorated hydrogen, so offensive to the smell.

Filtration will remove the *infusoria*, as well as the *algæ*, and purify the water, even from mud. In London, the various companies have adopted the system of filter-beds; but the process is very expensive. From Mr. Theodore B. Samo, assistant engineer of the Washington aqueduct, we learn that from the best authorities it is assumed that half a cubic foot of water per hour per square foot of the sand floor is a fair exponent of the best English practice, and is a rate which, with the usual attention, will be certain to insure satisfactory results.

This rate, Mr. Samo calculates, is equivalent to 89½ United States gallons per square foot per diem. Assuming the size of a filter-bed for such a city as Washington to be one acre, this area gives a filtration of 3,909,510 gallons in twenty-four hours. To filter 23,000,000 gallons, now used in the city, seven filters of this size would be necessary, on the supposition that the flow of water through six of them is continuous through the twenty-four hours. Even these filters, to be successful, would require a subsiding reservoir. This process would entail a very great expense at present, yet the time will come when the population of Washington will be so great as to imperatively demand filter-beds for the purification of the water.

The construction of the aqueduct was commenced during the administration of President Pierce in 1853, when the population of Wash

ington was about fifty thousand inhabitants. It was then considered by Captain Meigs, then chief engineer and architect of this magnificent work, to be of ample size for the purpose of that population; but that population has increased threefold since then, and the draft upon the reservoirs is consequently so great now that the water is in constant and rapid motion—not permitted to rest and settle—and must therefore come in the condition as it is issued from the river, muddy or otherwise, to the consumer's spigot.

Running water, and particularly the water of our Potomac, that is fed by rivulets and streams that in their turn are often swollen with the muddy drains of a clay soil, requires rest for the deposit of the solids it holds in suspension. The present reservoir is not of sufficient area to afford that rest, and supply the city with water at the same time. In five days, the city of Washington would exhaust every drop of water in the reservoir if the feeding-pipes were locked. Five days of settling would hardly be sufficient to clear the water to satisfaction; but even if it did, the flow from the Potomac could not be interrupted for that length of time, because from the moment that the quantity of water is lessened in the reservoir just in that proportion the pressure is lessened, and before one-half of the water were drawn from it, one-half of the city of Washington would be deprived of water on account of the pressure lost at the reservoir. Hence that rest cannot be secured.

In Paris and London, to secure rest to the reservoirs for potable water, there are introduced two systems of water-supply; one to carry the potable water, the other the water for washing, culinary, manufacturing purposes, &c. The quantity of potable water needed by a city is greatly less than water for other purposes; hence two reservoirs of the same size, one containing drinking water and the other water for other purposes, would be subject to a different rapidity of motion. The one from which less water is drawn would have time to settle, and would therefore give water a great deal purer than the other. But even this system is too expensive for our city.

The distributing reservoir receives, when the conduit runs full, eighty million of gallons every twenty-four hours. This divided by one hundred and fifty thousand, our present population, would seem to give one hundred and twenty-three gallons per capita. This seems immense when it is considered that in England seldom are more than twenty-four gallons allowed. But our public buildings, manufactories, street-washers, fountains, &c., use up a very large proportion of that supply, and, moreover, our American people are fond of water, and we hope never to see the time when they must be stinted in that salutary commodity.

Your committee is aware that the waste of water in the public service and by the citizens has been a cause of great complaint; to prevent this waste regulations have been promulgated, meters suggested, &c. But your committee dares assert that not a drop of water is wasted in the city of Washington; for every drop of water that escapes, even through the negligence of our people, is a minute scavenger and a drop of health. Water is not wasted that runs into our sewers and carries miles and miles of filth therein deposited every minute of the day. And your committee dare moreover assert that the health and mortality of a sewered city is just in proportion to the quantity of water that flows through the sewers. Hence, as sanitarians at least, we could not recommend any check upon the use or abuse of water. But we do recommend, inasmuch as an inexhaustible water-power is within our reach, that

more water be brought to the city, and that more reservoirs be built to allow the water to settle and come into our houses in a purer condition.

Major-General Meigs suggests the erection of a reservoir in the north-eastern section of the city, to be filled during the night by the present water-mains. This plan has at least the recommendation of being an economical one. For seven or eight hours of the night, but little water is drawn from the pipes, and is therefore a loss of seven or eight hours of supply; a night reservoir would collect and distribute it the next day, a clear gain of nearly one-third of the water-supply.

Major-General Babcock, and his assistant, Mr. Samo, think that the present distributing reservoir might be extended, and thus supply the deficiency. It would be an incalculable good to Washington if both propositions were adopted and carried out.

To the question of the committee, inquiring whether, if the Potomac water were uniformly distributed through Washington, it would secure greater pressure, Mr. Samo answers, "Comparatively inferior distribution of water can be insured in any city if it is divided into districts, each district mapped in reference to altitude, and provided with a main proportionate to its area."

The quality of the Potomac water is shown by the analysis made last year under the direction of the Surgeon-General of the United States Army. The following table is the result. The quantities are in ten millions, or so many milligrams in ten liters of water, equivalent to so many grains in one hundred and seventy-one gallons.

Chlorine	30.0
Ammonia	0.1
Albumenoid	0.62
Permanganate of potash.....	32.4

Of course, these are the products of decomposition of animal and vegetable matter.

The Potomac water is as regards hardness rather better than the average of river-waters, being 10.4 degrees Clarke's scale. Your committee conclude therefore that one or two more reservoirs and water-mains would not only secure to our people a sufficiency of water, but water that would well compare with the purest water supplied to any other city.

Respectfully submitted.

T. S. VERDI, M. D.,
D. W. BLISS, M. D.,
Committee.

WASHINGTON, May 2, 1876.

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GOVERNMENT COLLECTION AT CENTENNIAL EXHIBITION.

LETTERS
OF
PROFESSORS HENRY AND BAIRD
ACCOMPANYING THE
ANNUAL MESSAGE OF THE PRESIDENT OF THE UNITED STATES.

SMITHSONIAN INSTITUTION,
Washington, D. C., November 13, 1876.

To His Excellency THE PRESIDENT OF THE UNITED STATES :

SIR : I have the honor to inform you that at a meeting of the National Academy of Sciences, held in October last, the following preamble and resolutions were unanimously adopted :

Whereas the members of the National Academy of Sciences have been greatly impressed by the extent, rarity, and richness of the truly national collection contained in the Government building at the Centennial Exhibition, and considering the great importance and lasting interest with which the people of the United States must regard this collection : Therefore,

Resolved, That in the opinion of the Academy the Government collection as a whole should be transferred to Washington, and there preserved in an appropriate building for perpetual exhibition.

Resolved, That the Academy entertains the hope that the President of the United States will favor the foregoing proposition; that he will delay the dispersion of the exhibit from the several Executive Departments until Congress has assembled, and that he will recommend to that body to provide for the transfer of the Government collection to the city of Washington, and for its subsequent permanent support.

In transmitting these resolutions to your excellency, I beg leave, in favor of the proposition, to suggest, first, that the exhibit would form a fitting memorial of the centennial condition of the country; second, that it would illustrate in a striking manner the appliances used by the Government in carrying on its various and complex operations; third, that it would be a repository in which the natural resources of each State would be exhibited; fourth, that it would give information, in one view, of importance to the statesman, legislator, scientist, educator, and the capitalist of our own and of foreign countries; fifth, it would be of interest to the intelligent public at large, and would meet the approbation of all who regard the prosperity of the country and take pride in the condition of the national capital.

In conclusion, it may not perhaps be improper to remark that I do not advocate this proposition for the purpose of extending the power and influence of the Smithsonian Institution. On the contrary, I think the exhibit should be made a truly national one, and be immediately under the control of the Government.

I have the honor to be, very respectfully, your obedient servant,
JOSEPH HENRY,
President National Academy of Sciences.

INTERNATIONAL EXHIBITION, 1876,
UNITED STATES GOVERNMENT BUILDING,
West Philadelphia, November 23, 1876.

SIR: I would respectfully suggest that, in connection with the steps which the President proposes to take for the purpose of securing authority and means from Congress to keep together all the exhibits of the Government now in its building at the Centennial, and to display them suitably in the city of Washington, his attention be invited to the enormous mass, and great economical and industrial value, of the immense donations made to the United States Government by the commissioners of nearly all the foreign countries represented at the International Exhibition.

These consist, in many cases, of nearly the entire exhibits of the countries referred to, so far as they relate to the resources of the respective nations, derived from the animal, vegetable, and mineral kingdoms, together with many series illustrating the peculiar habits and characteristics of the people, especially of China, Siam, Japan, Australia, and New Zealand. Since the close of the exhibition, the Smithsonian Institution and the Department of Agriculture have been busily engaged, with a large force, in transferring the collections referred to from the different buildings of the commission to that belonging to the Government, and weeks must elapse before this will be finished.

The countries that have, so far, made contributions of more or less magnitude are, the Argentine Confederation, Austria, Brazil, China, China, Egypt, Germany, the Sandwich Islands, Japan, Mexico, Netherlands, Norway, Peru, Portugal, Russia, Spain, Sweden, Switzerland, Tunis, Great Britain, Bermuda, Canada, New South Wales, New Zealand, Queensland, South Australia, Tasmania, Victoria, and Venezuela, while several others have promised contributions, but have not yet taken the necessary steps toward turning them over.

The value of these collections to the people of the United States cannot be overestimated, consisting, as they do, of many varieties of ores and minerals, specimens of animal products and materials from the vegetable kingdom, including also the stages of their manufacture and the finished products, as well as, in many cases, the apparatus by which these results are accomplished. Thus nearly all the known varieties of the ores of silver, gold, mercury, iron, copper, lead, tin, zinc, nickel, cobalt, antimony, &c., are represented, with the furnace products accompanying them, and the resulting metal; the brick, tile, and pottery, earth and clays of China, Japan, France, Belgium, Great Britain, and Australia, in many cases accompanied by careful analysis of their composition and numerous illustrative specimens of their products, building-stones, marbles, &c., specimens of artificial stone

mortars, and cements, with the materials producing them, and samples of coals from hundreds of different localities.

Among illustrations of products from the animal industries may be mentioned specimens of leathers from all parts of the world, and from every imaginable form of animal; wools, graded by their different qualities and applications and prices; furs of various species of animals of Europe, Asia, and Australia; and preparations of Russian isinglass, glues, and gelatines in immense variety.

The wealth of vegetable material is incalculable; embracing, as it does, the magnificent displays of Brazil, the Argentine Confederation, Australia, Netherlands, and other countries that have excited so much attention during the Exhibition.

Among the individual objects may be enumerated samples of the woods of thousands of species of trees, fibers of all kinds, including material for paper and textile fabrics, objects of the materia medica, gums, dye-stuffs, materials for tanning, seeds of every variety of the grains, hemp, flax, cotton, ramie, tobacco, coffee, cocoa, &c., many of them at present new to the United States, and giving promise of successful introduction therein, these having been received, in large part, in quantity sufficient for distribution, Russia alone supplying more than two hundred bushels of seeds of every best variety of hemp, oats, wheat, barley, &c. A large amount of material illustrating the habits and customs of other nations has also been received. Notably among these objects may be mentioned the entire exhibit of the King of Siam and that of the commissioners of customs of China. Both of these collections present an exhaustive illustration of the mode of life, habits, and characteristics of the people. Many important collections of educational apparatus and objects have also been presented. The navy department of Russia has furnished samples of cordage, wire rope, chain cable, iron forgings, &c.

The various objects thus presented are now being transferred to the Government building and turned over to the respective departments to which they are most appropriate, and by which they would naturally be exhibited in connection with any systematic display that might be authorized by Congress.

It is proper to state that the utmost eagerness has been manifested by the representatives of technical, industrial, and educational institutions in the United States in gathering objects of the kind in question, and that in very great part they were prevented from accomplishing their object by the information that the entire exhibits had been presented to the United States, and that application should be made to its representatives for any desiderata. It has been impossible, however, to make any selections with this object, as the time of those concerned has been fully occupied in packing and removing the collections. It will, however, be possible to make up from the duplicate material a considerable number of sets of these various substances for distribution to such establishments as Congress may direct, whenever the means are furnished for the purpose.

I need hardly say that some provision must be made to meet the expense of removing these articles to Washington and of exhibiting them there. When, however, it is borne in mind that such a collection as has thus been presented to the United States could not be reproduced in a long period of years without the expenditure of a large sum of money, and that it has been spontaneously offered to the people of the United States, it is quite reasonable to hope that Congress will take the steps

4 GOVERNMENT COLLECTION AT CENTENNIAL EXHIBITION.

necessary to make it available to the country, with all the benefits likely to result from the display of a portion of the same, and the distribution of its duplicates.

I have the honor to be, very respectfully,

SPENCER F. BAIRD,

Representative Smithsonian Food-Fishes Department.

Col. S. O. LYFORD,

Chairman Board of Executive Departments.

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CONTINGENT EXPENSES OF THE WAR DEPARTMENT.

LETTER

FROM

THE SECRETARY OF WAR,

TRANSMITTING

A report of the contingent expenses of the War Department.

DECEMBER 8, 1876.—Laid on the table and ordered to be printed.

WAR DEPARTMENT,
Washington City, December 7, 1876.

SIR: I have the honor to transmit herewith a report of expenditures of the War Department and its bureaus, under the appropriation for contingent expenses, for the fiscal year ending June 30, 1876.

Very respectfully, your obedient servant,

J. D. CAMERON,
Secretary of War.

The SPEAKER of the House of Representatives,
Washington, D. C.

SECRETARY'S OFFICE.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 3	Washington and Georgetown Railroad Company.	Tickets.....	\$10 00
July 6	J. L. Harmon	Newspapers	3 30
July 7	Metropolitan Railroad Company.	Tickets.....	20 00
July 9	J. W. Boteler & Bro.....	Feather dusters, &c.....	92 88
July 16	George P. Rowell & Co.....	Newspaper Reporter	2 00
July 16	Mohun Bros	Stationery.....	827 01
July 16	Washington and Georgetown Railroad Company.	Tickets.....	20 00
July 17	Thomas Norfleet.....	Lap-covers, &c	29 50
July 17	H. Hoffa	Clock	8 00
July 19	Charles F. Moore.....	Camphor, &c	11 75
July 21	City post-office	Stamps	10 00
July 29	Smith, Young & Co	Maritime Register	7 50
July 30	Oscar L. Berger.....	Winding, &c., clocks	12 00
July 31	William Callow.....	Newspapers	7 60
July 31	C. Graham.....	Washing towels	20 00

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 31	Thomas Irwin	Carriage and horses	\$155 00
Aug. 5	Joseph N. Wright	Soap	11 31
Aug. 7	Daniel Leonard	Carpenter's work	17 00
Aug. 10	W. C. & F. P. Church	Army and Navy Journal	6 10
Aug. 11	Great Falls Ice Company	Ice	83 92
Aug. 14	Mohun Bros	Stationery	558 43
Aug. 17	Washington and Georgetown Railroad Company.	Tickets	20 00
Aug. 25	Metropolitan Railroad Company.	do	20 00
Aug. 25	City post-office	Stamps	5 00
Aug. 31	Thomas Irwin	Carriage and horses	155 00
Aug. 31	C. Graham	Washing towels	20 00
Sept. 2	J. W. Boteler & Bro.	Feather dusters, &c	105 00
Sept. 4	William Callow	Newspapers	7 00
Sept. 6	Great Falls Ice Company	Ice	83 92
Sept. 20	Washington and Georgetown Railroad Company.	Tickets	20 00
Sept. 20	E. H. O'Loughlin	Newspapers	7 00
Sept. 28	F. Schneider & Son	Tools, &c	20 00
Sept. 30	Thomas Irwin	Carriage and horses	155 00
Sept. 30	Daniel Leonard	Carpenter's work	17 00
Sept. 30	John F. Livingston	Newspapers	10 00
Sept. 30	City post-office	Stamps	5 00
Sept. 30	C. Graham	Washing towels	20 00
Sept. 30	William Callow	Newspapers	7 00
Sept. 30	Great Falls Ice Company	Ice	83 92
Sept. 30	Mohun Bros	Stationery	558 43
Sept. 30	F. Lemmer	Repairing locks, &c	18 50
Sept. 30	O. L. Berger	Winding, &c., clocks	12 00
Oct. 8	Metropolitan Railroad Company.	Tickets	20 00
Oct. 13	Charles F. Moore	Sundries	1 15
Oct. 16	G. W. Pach	Album	6 00
Oct. 18	Washington and Georgetown Railroad Company.	Tickets	20 00
Oct. 30	Mohun Bros	Stationery	558 43
Oct. 30	C. Graham	Washing towels	20 00
Oct. 30	Thomas Irwin	Carriage and horses	155 00
Nov. 2	Thomas Norfleet	Repairing harness	10 00
Nov. 4	Great Falls Ice Company	Ice	83 92
Nov. 4	City post-office	Stamps	5 00
Nov. 6	D. Van Nostrand	Magazine	2 00
Nov. 8	Washington and Georgetown Railroad Company.	Tickets	20 00
Nov. 15	H. Semken	Ice-pitcher	17 00
Nov. 18	J. N. Wright	Soap	11 31
Nov. 22	Metropolitan Railroad Company.	Tickets	20 00
Nov. 23	Burlington Daily Hawkeye	Subscription to paper	2 00
Nov. 27	Clinton Daily Herald	do	2 00
Nov. 27	A. C. Swalm	Newspapers	10 00
Nov. 27	City post-office	Stamps	5 00
Nov. 29	J. W. Boteler & Bro.	Feather dusters, &c	105 00
Nov. 30	C. Graham	Washing towels	20 00
Nov. 30	Thomas Irwin	Carriage and horses	155 00
Dec. 1	Thomas W. Clagett	Newspapers	7 00
Dec. 1	Washington and Georgetown Railroad Company.	Tickets	20 00
Dec. 2	William Callow	Newspapers	15 00
Dec. 3	Great Falls Ice Company	Ice	83 92
Dec. 8	George D. Perkins	Newspapers	10 00
Dec. 8	Ayres & McClelland	do	2 00
Dec. 8	Mohun Bros	Stationery	558 43
Dec. 10	W. H. Hoxie	Newspapers	2 00

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
Dec. 13	City post-office	Wrappers	\$16 60
Dec. 15	.....do	Stamps	15 00
Dec. 21	Washington and Georgetown Railroad Company.	Tickets	20 00
Dec. 21	Columbia Railroad Company .....	.....do	4 00
Dec. 21	James Kelly	Ventilators	5 75
Dec. 22	F. Lemmer	Repairing locks, &c	23 75
Dec. 23	E. A. Hutchins, agent	Books	60 00
Dec. 24	Louis Koerth	Hauling ashes	49 18
Dec. 30	G. M. Wight	Furniture	56 00
Dec. 31	Thomas Irwin	Carriage and horses	155 00
Dec. 31	C. Graham	Washing towels	15 00
Dec. 31	Metropolitan Railroad Company.	Tickets	20 00
Dec. 31	M. R. Thorp	Laborers	6 00
Dec. 31	C. F. Moore	Soap	10 50
Dec. 31	Great Falls Ice Company	Ice	22 85
Dec. 31	J. L. Harmon	Newspapers	3 30
Dec. 31	Daniel Leonard	Book-case	94 36
Dec. 31	F. Schneider & Son	Hardware	10 60
Dec. 31	City post-office	Stamps	6 00
Dec. 31	Thomas Norfleet	Repairing harness, &c	36 50
Dec. 31	O. L. Berger	Winding clocks	14 00
Dec. 31	J. F. Livingston	Newspapers	1 32
Dec. 31	J. W. Boteler & Bro.	Soap	42 50
Dec. 31	Mohun Bros	Stationery	772 85
Dec. 31	William Callow	Newspapers	7 60
1876.			
Jan. 5	Francis Lamb	Picture-frames	242 75
Jan. 6	New York Maritime Register	Subscription to Register	7 50
Jan. 6	Thonet Bros	Furniture, &c	335 70
Jan. 7	Baltimore and Potomac Railroad Company.	Freight	5 62
Jan. 12	Washington and Georgetown Railroad Company.	Tickets	20 00
Jan. 12	W. H. Boyd	Directories	40 00
Jan. 13	New England Historical and General Society.	Subscription to Journal	3 00
Jan. 22	James Kelly	Repairing registers	5 00
Jan. 29	Leonard Scott Publishing Com- pany.	Subscription to magazine	4 00
Jan. 31	Thomas Irwin	Carriage and horses	155 00
Jan. 31	C. Graham	Washing towels	15 00
Feb. 1	G. M. Wight	Furniture	166 00
Feb. 3	Washington and Georgetown Railroad Company.	Tickets	20 00
Feb. 3	Great Falls Ice Company	Ice	14 80
Feb. 7	C. H. Carvington	Newspaper	1 00
Feb. 7	Metropolitan Railroad Company.	Tickets	20 00
Feb. 8	Mohun Bros	Stationery	756 20
Feb. 8	Willis Colburn	Washing windows, &c	5 00
Feb. 9	City post-office	Stamps	15 00
Feb. 9	H. Noyes	Repairing locks	3 00
Feb. 9	George M. Israel	Matches and safes	7 25
Feb. 11	William Callow	Newspapers	11 85
Feb. 12	Baltimore and Potomac Railroad Company.	Freight	83
Feb. 16	Little, Brown & Co.	Indexes	6 00
Feb. 25	Washington and Georgetown Railroad Company.	Tickets	20 00
Feb. 29	Thomas Irwin	Carriage and horses	145 00
Feb. 29	C. Graham	Washing towels	15 00
Feb. 29	Daniel Leonard	Carpenter's work	59 00

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1876.			
March 1	H. Hoffa	Clock	\$19 00
March 1	H. Semken	Repairing clocks	25 00
March 3	Great Falls Ice Company	Ice	19 20
March 6	William Callow	Newspapers	11 55
March 7	F. Schneider & Son	Hardware	14 04
March 7	Metropolitan Railroad Company	Tickets	20 00
March 8	Mohun Bros	Stationery	85 52
March 13	W. C. & F. P. Church	Army and Navy Journal	6 00
March 15	J. W. Boteler & Bro.	Feather dusters	53 50
March 20	Washington and Georgetown Railroad Company	Tickets	20 00
March 22	Cincinnati Gazette Company	Newspaper	12 00
March 22	M. Halstead & Co.	do	14 00
March 22	Euquirer Company	do	14 00
March 24	The Star Publishing Company	do	6 00
March 24	Cincinnati Times Company	do	5 00
March 24	Thomas Norfleet	Repairing harness	25 50
March 27	C. S. Burnett	Newspaper	2 50
March 30	C. F. Moore	Soap	13 50
March 31	Metropolitan Railroad Company	Tickets	20 00
March 31	Thomas Irwin	Carriage and horses	155 00
March 31	C. Graham	Washing towels	15 00
March 31	L. Koerth	Express, &c	17 18
March 31	Daniel Leonard	Carpenter's work	30 50
March 31	O. L. Berger	Winding clocks	12 00
March 31	Great Falls Ice Company	Ice	22 00
March 31	J. N. Wright	Soap	10 00
March 31	Mohun Bros	Stationery	376 55
April 3	Littell & Gay	Magazine	8 00
April 8	William Callow	Newspapers	13 65
April 10	Washington and Georgetown Railroad Company	Tickets	20 00
April 12	Financier Association	Magazine	5 00
April 20	Chronicle Publishing Company	Newspapers	10 00
April 29	C. Graham	Washing towels	15 00
May 1	Great Falls Ice Company	Ice	25 00
May 3	City post-office	Stamps	10 00
May 4	Washington and Georgetown Railroad Company	Tickets	20 00
May 4	William Callow	Newspapers	15 50
May 5	S. E. Thomason	Office files	1 00
May 5	Mohun Bros	Stationery	621 00
May 8	Metropolitan Railroad Company	Tickets	10 00
May 17	H. Jacobs	Pens	15 00
May 23	Metropolitan Railroad Company	Tickets	20 00
May 24	Louis Koerth	Hauling ashes, &c	47 25
May 25	Washington and Georgetown Railroad Company	Tickets	20 00
May 31	C. Graham	Washing towels	15 00
June 2	National Republican	Subscription to paper	5 00
June 2	Great Falls Ice Company	Ice	33 15
June 5	William Callow	Newspapers	15 68
June 6	City post-office	Stamps	10 00
June 7	Alex. Anderson	Scrubbing, &c	2 00
June 9	J. W. Boteler & Bro.	Feather dusters, &c	72 25
June 12	Mohun Bros	Stationery	449 50
June 15	Washington and Georgetown Railroad Company	Tickets	10 00
June 21	Louis Koerth	Cleaning out rubbish	34 13
June 24	Washington and Georgetown Railroad Company	Tickets	5 00
June 28	H. L. Pelouze & Son	Press-rollers	4 00

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1876.			
June 29	Charles F. Moore	Carbolic powder	\$36 70
June 30	William Callow	Newspapers	15 15
June 30	J. L. Harmon	do	3 30
June 30	F. Lemmer	Repairing locks	16 75
June 30	F. Schneider & Son	Hardware	33 05
June 30	O. L. Berger	Winding clocks	16 00
June 30	C. Graham	Washing towels	15 00
June 30	Mohun Bros	Stationery	153 33
	Total		12,000 00

Amount appropriated \$12,000 00
Amount expended 12,000 00

WAR DEPARTMENT BUILDING.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 3	Louis Koerth	Hauling ashes	\$7 50
July 3	Daniel Leonard	Carpenter's work	101 80
July 3	Louis Koerth	Shaking carpets	70 00
July 8	G. M. Schaeffer	Papering walls, &c.	111 50
July 12	James Kelly	Zinc for stairs	25 00
July 12	William S. Mitchell	Matting, &c.	38 33
July 23	James Kelly	Roofing, &c.	72 75
July 31	George W. Chamberlen	Painting, &c.	275 65
July 31	Charles E. Lynch	Laborer	30 00
Aug. 6	Washington Gas Company	Gas	29 00
Aug. 7	Daniel Leonard	Carpenter's work	24 25
Aug. 11	M. R. Thorp	Putting in coal	28 00
Aug. 14	George W. Chamberlen	Painting	138 25
Aug. 17	Benjamin Fleet	Sawing wood	13 50
Aug. 21	A. R. Shepherd & Co.	Plumbing	83 37
Aug. 31	Charles E. Lynch	Laborer	30 00
Sept. 2	Daniel Leonard	Carpenter's work	16 00
Sept. 3	Solomon Stover	Wood and coal	1,034 00
Sept. 6	Washington Gas Company	Gas	34 00
Sept. 22	Solomon Stover	Wood	90 00
Sept. 24	James Kelly	Repairing furnace-pipes	20 00
Sept. 27	F. Johnson	Sawing wood	20 00
Sept. 27	John A. Baker	Repairing lawn-mower	5 90
Sept. 30	Thomas Smallwood	Cleaning windows	6 25
Sept. 30	Joseph Collins	Laborer	7 50
Sept. 30	Charles E. Lynch	Laborer	30 00
Sept. 30	Daniel Leonard	Carpenter's work	29 90
Sept. 30	Washington Gas Company	Gas	33 25
Oct. 6	James Kelly	Repairing gas-pipes	35 00
Oct. 12	Charles Edmonston	Repairing screen	20 00
Oct. 30	Daniel Leonard	Carpenter's work	64 25
Oct. 30	Charles E. Lynch	Laborer	30 00
Nov. 4	George W. Chamberlen	Painting, &c.	109 70
Nov. 5	Washington Gas Company	Gas	55 00
Nov. 8	John A. Baker	Repairing lawn-mower	6 25
Nov. 20	Alexander R. Shepherd & Co.	Plumbing	52 72
Nov. 24	William S. Mitchell	Carpets	1,188 19
Nov. 30	Charles E. Lynch	Laborer	30 00
Nov. 30	Daniel Leonard	Weather-stripping	61 08

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
Dec. 4	James Kelly	Repairing heaters.....	\$9 00
Dec. 7	Washington Gas Company.....	Gas	70 25
Dec. 21	J. B. Greenwell	Repairing pump.....	2 50
Dec. 31	Charles E. Lynch	Laborer	30 00
Dec. 31	James Kelly	Laying zinc	8 00
Dec. 31	Washington Gas Company.....	Gas	73 00
1876.			
Jan. 17	G. M. Schaefer	Papering, &c.....	457 29
Jan. 22	Willis Collins	Washing windows	8 50
Jan. 24	Coy Lewis	Sawing wood	10 00
Jan. 29	Alexander R. Shepherd & Co.....	Plumbing	56 33
Jan. 31	Charles E. Lynch	Laborer	30 00
Feb. 1	Daniel Leonard	Carpenter's work	36 00
Feb. 4	M. R. Thorp	Removing snow.....	20 54
Feb. 5	Washington Gas Company.....	Gas	75 25
Feb. 16	William S. Mitchell	Carpets.....	216 00
Feb. 24	Charles G. Ball	Grates, &c.....	59 50
Feb. 26	Alexander R. Shepherd & Co.....	Repairing, &c., sewer	45 00
Feb. 29	Charles E. Lynch	Laborer	30 00
March 7	Washington Gas Company.....	Gas	66 25
March 25	Solomon Stover	Wood and coal	119 25
March 28	Louis Koerth	Hauling ashes	39 00
March 29	G. M. Schaefer	Upholstering, &c.....	219 50
March 31	Charles E. Lynch	Laborer	30 00
March 31	Washington Gas Company.....	Gas	64 00
March 31	F. Lemmer	Repairing locks, &c.....	14 75
April 12	Willis Collins	Washing windows	10 50
April 13	M. R. Thorp	Labor, &c.....	12 29
April 18	G. M. Schaefer	Papering, &c.....	151 00
April 24	American Tea Company.....	Salt	1 50
April 29	Charles E. Lynch	Laborer	30 00
April 29	Thomas Irwin	Carriage and horses.....	75 00
April 29	G. W. Chamberlen	Painting, &c.....	204 70
May 1	Daniel Leonard	Carpenter's work.....	41 50
May 5	H. Neubeck	Repairing locks.....	1 75
May 8	Washington Gas Company.....	Gas	60 50
May 13	John A. Baker	Repairing lawn-mower.....	6 00
May 13	Alexander R. Shepherd & Co.....	Plumbing	25 30
May 23	M. R. Thorp	Whitewashing, &c.....	30 00
May 24	Louis Koerth	Taking up carpets.....	69 00
May 31	Charles E. Lynch	Laborer	30 00
May 31	Thomas Irwin	Carriage and horses.....	80 00
May 31	Daniel Leonard	Carpenter's work	59 50
June 1	James Kelly	Laying zinc on stairs.....	7 75
June 6	Washington Gas Company.....	Gas	44 33
June 12	J. F. Sanner	Carpenter's work.....	34 15
June 13	G. M. Wight	Furniture, desks, &c.....	390 75
June 13	James Kelly	Repairing roof.....	6 00
June 19	G. M. Schaefer	Papering, &c.....	261 10
June 19	G. W. Chamberlen	Glazing, &c.....	179 15
June 20	James Kelly	Repairing roof, &c.....	1 75
June 20	G. M. Wight	Repairing furniture.....	61 00
June 30	Charles E. Lynch	Laborer	30 00
June 30	Washington Gas Company.....	Gas	32 50
June 30	Willis Collins	Scrubbing, &c.....	79 50
June 30	William S. Mitchell	Matting, &c.....	114 25
Total.....			8,000 00

Amount appropriated.....

\$2,000 00

Amount expended.....

2,000 00

Contingent expenses of War Department, &c.—Continued.

OFFICE OF THE ADJUTANT-GENERAL.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 3	Marshall Thompson	Cleaning, &c.	\$3 00
July 7	John C. Hesse	Moving	16 40
July 8	Marshall Thompson	Cleaning, &c.	15 00
July 12	Joseph Collins	Shaking carpet	1 50
July 14	do	Cleaning windows	2 00
July 20	John C. Hogan	Awnings	138 55
July 21	P. H. Weber	Car-tickets	20 00
July 22	R. B. Mohun & Co	Stationery	138 05
July 22	Mary French	Washing towels	35 05
July 22	William S. Mitchell	Matting, &c.	91 47
July 22	M. G. Copeland	Awnings	57 40
July 23	Riggles & Gadsby	Soap, &c.	31 75
July 23	J. W. Boteler & Bro	Feather dusters	21 00
July 23	F. A. Conrad	Repairing furniture	15 50
July 23	William H. Dunn	Office furniture	65 00
July 30	O. L. Berger	Repairing clock	2 50
July 31	John C. Hesse	Moving	13 00
July 31	Mary French	Washing towels	30 94
Aug. 2	E. Morrison	Paper	52 50
Aug. 5	Kennebec and Potomac Ice Com- pany.	Ice	106 41
Aug. 5	Mohun Bros.	Stationery	589 75
Aug. 6	Washington Gas Company	Gas	5 25
Aug. 10	F. A. Fill & Co.	Stationery	3 00
Aug. 31	Mary French	Washing towels	37 57
Aug. 31	Kennebec and Potomac Ice Com- pany.	Ice	52 00
Sept. 4	Edwin Hamilton	Removing rubbish	1 25
Sept. 6	Washington Gas Company	Gas	2 50
Sept. 7	Mohun Bros.	Stationery	473 65
Sept. 7	Robert Green	Handling, &c.	10 00
Sept. 14	Adams Express Company	Freight	2 25
Sept. 14	J. W. Boteler & Bro	Soap, &c.	46 75
Sept. 30	Mary French	Washing towels	30 69
Sept. 30	Kennebec and Potomac Ice Com- pany.	Ice	66 53
Sept. 30	Kennebec and Potomac Ice Com- pany.	Ice	52 30
Sept. 30	Mohun Bros.	Stationery	270 15
Sept. 30	Hall & Hume	Soap and candles	10 60
Oct. 5	Ida Lane	Washing towels	6 00
Oct. 13	F. A. Fill & Co.	Newspapers	4 50
Oct. 16	P. H. Weber	Car-tickets	20 00
Oct. 16	John C. Hogan	Awnings	24 85
Oct. 22	Anthony Banks	Sweeping chimneys	15 80
Oct. 23	Henry Neubeck	Repairing bell-pull	2 50
Oct. 23	W. M. Davis	Towels	29 60
Oct. 30	Henry Coldwell	Storing wood and coal	3 60
Oct. 30	F. A. Conrad	Repairing furniture	23 75
Oct. 30	Mohun Bros.	Stationery	255 30
Nov. 1	Mary French	Washing towels	29 49
Nov. 4	James Talty	Plumbing, &c.	9 00
Nov. 4	G. M. Wight	Repairing furniture	25 75
Nov. 5	Kennebec Ice Company	Ice	34 08
Nov. 5	Ida Lane	Washing towels	6 00
Nov. 5	Washington Gas Company	Gas	11 00
Nov. 6	Dickson & King	Wood	10 75
Nov. 24	William S. Mitchell	Shades, &c.	31 40
Nov. 27	J. S. Swormstedt	Wool dusters	9 25
Nov. 27	Mohun Bros.	Stationery	277 65

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
Dec. 1	Mary French.....	Washing towels.....	\$39 70
Dec. 1	M. G. Copeland.....	Storing awnings.....	1 40
Dec. 7	Ida Lane.....	Washing towels.....	6 50
Dec. 7	Washington Gas Company.....	Gas.....	8 75
Dec. 10	Kennebec Ice Company.....	Ice.....	32 12
Dec. 11	Marshall Thompson.....	Labor.....	10 00
Dec. 11	William W. Farr.....	Repairing clock.....	3 00
Dec. 13	Adams Express Company.....	Freight.....	4 10
Dec. 16	Mohun Bros.....	Stationery.....	449 00
Dec. 21	P. H. Weber.....	Car-tickets.....	20 00
Dec. 31	G. M. Wight.....	Furniture.....	42 50
Dec. 31	Mary French.....	Washing towels.....	34 77
Dec. 31	F. A. Fill & Co.....	Newspapers.....	5 25
Dec. 31	Ida Lane.....	Washing towels.....	5 50
Dec. 31	William S. Mitchell.....	Oil-cloth, &c.....	24 00
Dec. 31	Mohun Bros.....	Stationery.....	619 75
Dec. 31	Kennebec Ice Company.....	Ice.....	22 25
Dec. 31	Washington Gas Company.....	Gas.....	20 50
1876.			
Jan. 11	Webb & Beveridge.....	Feather dusters.....	49 50
Jan. 11	W. H. Boyd.....	Directories, (city).....	15 00
Jan. 13	C. Weber.....	Leather straps.....	12 00
Jan. 18	F. Lemmer.....	Repairing lock, &c.....	1 25
Jan. 25	George W. Chamberlen.....	Painting.....	35 75
Jan. 26	H. Baumgarten.....	Dies, ribbons, &c.....	9 00
Jan. 31	Mary French.....	Washing towels.....	43 01
Feb. 4	M. McCormick.....	Removing snow.....	5 00
Feb. 5	Washington Gas Company.....	Gas.....	20 25
Feb. 8	Mohun Bros.....	Stationery.....	414 20
Feb. 15	George W. Smith.....	Removing ashes.....	6 00
Feb. 18	Hall & Hume.....	Soap.....	7 00
Feb. 29	Mary French.....	Washing towels.....	37 50
March 4	P. H. Weber.....	Car-tickets.....	20 00
March 7	Washington Gas Company.....	Gas.....	17 25
March 7	F. Schneider & Son.....	Hardware.....	3 60
March 8	Mohun Bros.....	Stationery.....	228 27
March 23	Adams Express Company.....	Freight.....	4 75
March 31	F. A. Fill & Co.....	Newspapers.....	5 25
March 31	Mohun Bros.....	Stationery.....	49 05
March 31	Mary French.....	Washing towels.....	37 51
March 31	James B. Dodson.....	Oil-cloth.....	2 67
March 31	Washington Gas Company.....	Gas.....	18 50
March 31	Adams Express Company.....	Freight.....	1 10
April 10	John H. Bell.....	Moving furniture.....	4 00
April 26	Jackson, Brother & Co.....	Soap.....	8 75
April 29	William W. Farr.....	Repairing clock.....	5 50
May 1	Mary French.....	Washing towels.....	37 11
May 1	James B. Dodson.....	Oil-cloth.....	2 67
May 3	City post-office.....	Stamps, &c.....	20 11
May 4	Mohun Bros.....	Stationery.....	411 90
May 4	Kennebec Ice Company.....	Ice.....	35 37
May 8	Washington Gas Company.....	Gas.....	15 50
May 12	E. Morrison.....	Paper.....	17 50
May 13	P. H. Weber.....	Car-tickets.....	20 00
May 31	Mary French.....	Washing towels.....	44 65
June 1	Wm. W. Farr.....	Repairing clock.....	3 00
June 2	National Republican.....	Subscription to paper.....	5 00
June 3	M. G. Copeland.....	Hanging awnings.....	9 10
June 5	Mohun Bros.....	Stationery.....	235 70
June 6	Washington Gas Company.....	Gas.....	7 65
June 7	Webb & Beveridge.....	Brooms, spittoons, &c.....	37 25
June 8	William W. Farr.....	Repairing clock.....	2 00

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1876.			
June 13	Adams Express Company	Freight	\$0 75
June 15	L. C. Bishop	Soap, sponges, &c	23 33
June 17	F. A. Conrad	File-boards	34 25
June 19	M. G. Copeland	Awnings	12 00
June 20	Kennebec Ice Company	Ice	42 75
June 26	W. H. Dunn	Window-shades	4 00
June 27	John C. Hogan	Awnings	17 74
June 30	E. Morrison	Printing-paper	10 50
June 30	Mary French	Washing towels	36 57
June 30	Daniel Leonard	Carpenter's work	10 50
June 30	F. Lemmer	Repairing locks, &c	4 50
June 30	F. A. Fill & Co	Newspapers	5 25
June 30	G. W. Chamberlen	Glazing	4 75
June 30	Webb & Beveridge	Tumblers, &c	2 99
June 30	Washington Gas Company	Gas	5 85
June 30	John C. Hogan	Awnings	38 00
June 30	J. W. Boteler & Bro	Soap, &c	24 25
June 30	P. H. Weber	Car-tickets	3 63
June 30	Mohun Bros	Stationery	505 65
June 30	Mohun Bros	do	39 00
June 30	City post-office	Unpaid postage	6 59
June 30	Kennebec Ice Company	Ice	61 72
June 30	W. H. Dunn	Chair	11 75
	Total		8,000 00

Amount appropriated..... \$8,000 00
Amount expended..... 8,000 00

OFFICE OF THE QUARTERMASTER-GENERAL.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 7	G. N. Rider	Book	\$72 00
July 9	B. W. Reed & Sons	Baskets	26 27
July 9	E. Q. Gunson & Co	Guide	5 00
July 9	H. N. Barlow	Picture-frames	11 00
July 10	William Smith	Wax seal	6 00
July 12	Benjamin Braxton	Whitewashing	22 50
July 12	William S. Mitchell	Matting, &c	140 25
July 13	William W. Farr	Repairing clock	2 50
July 16	L. J. Denham	Paint, &c	13 00
July 17	Washington and Georgetown Railroad Company	Tickets	10 00
July 21	John C. Hogan	Awnings	25 00
July 22	Hewett & Co	Repairing type-writer, &c	5 00
July 22	L. H. Schneider	Hand-saw, &c	6 60
July 24	Benjamin Braxton	Whitewashing	5 00
July 24	W. D. Glen	Clocks	33 25
Aug. 5	C. Burgess	Mail-bag	10 50
Aug. 5	H. Blau	Laying matting	7 41
Aug. 5	C. Graham	Washing towels	14 00
Aug. 6	Washington Gas Company	Gas	25 50
Aug. 7	Mohun Bros	Stationery	1,412 90
Aug. 11	Columbia Railroad Company	Tickets	5 00
Aug. 18	Luttrell & Wine	Towels	12 00
Aug. 19	W. C. & F. P. Church	Army and Navy Journal	6 00
Aug. 21	William Smith	Dating-stamp, &c	13 75

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
Aug. 30	W. D. Glenn.....	Clock.....	\$17 50
Sept. 2	J. W. Boteler & Bro.....	Water-cooler, &c.....	20 50
Sept. 6	Washington Gas Company.....	Gas.....	29 50
Sept. 6	John C. Hogan.....	Repairing awnings.....	6 00
Sept. 7	C. Graham.....	Washing towels.....	14 00
Sept. 8	Lorenzo Rice.....	Cleaning carpet.....	14 10
Sept. 14	Mohun Bros.....	Stationery.....	246 55
Sept. 23	J. W. McKnight & Co.....	Furniture.....	245 50
Sept. 25	William Smith.....	Office stamp.....	26 25
Sept. 27	William W. Farr.....	Moving clocks, &c.....	15 50
Sept. 30	R. Hofer.....	Repairing locks.....	12 15
Sept. 30	J. W. McKnight & Co.....	Furniture.....	195 25
Sept. 30	S. J. Denham.....	Chamois-skins.....	9 90
Sept. 30	Washington Gas Company.....	Gas.....	26 50
Sept. 30	William S. Mitchell.....	Matting, &c.....	75 51
Sept. 30	Mohun Bros.....	Stationery.....	235 40
Sept. 30	Webb & Beveridge.....	Ice-pitchers.....	26 90
Sept. 30	H. N. Barlow.....	Picture-frame.....	4 50
Sept. 30	H. Blan.....	Putting down carpets.....	62 00
Oct. 6	Kennebec Ice Company.....	Ice.....	96 00
Oct. 12	C. Graham.....	Washing towels.....	14 00
Oct. 14	B. W. Reed & Sons.....	Baskets, &c.....	109 35
Oct. 16	G. N. Rider.....	Book.....	6 00
Oct. 20	B. Westermann & Co.....	Periodicals.....	5 50
Oct. 30	C. Graham.....	Washing towels.....	14 00
Nov. 3	Mohun Bros.....	Stationery.....	223 15
Nov. 4	W. B. Moses.....	Furniture.....	1, 14 25
Nov. 4	Luttrell & Wine.....	Towels.....	12 00
Nov. 8	J. W. Boteler & Bro.....	Water-cooler, &c.....	97 75
Nov. 22	Keuffel & Esser.....	Drawing-pens, &c.....	42 65
Nov. 24	Washington and Georgetown Railroad Company.	Tickets.....	10 00
Nov. 24	H. N. Barlow.....	Frame and mat.....	4 25
Nov. 30	James L. Hewitt.....	Repairing type-writer.....	5 00
Dec. 2	Metropolitan Railroad Company.....	Tickets.....	5 00
Dec. 3	William S. Mitchell.....	Lining, &c.....	15 90
Dec. 4	Mohun Bros.....	Stationery.....	324 00
Dec. 4	C. Graham.....	Washing towels.....	14 00
Dec. 8	Franklin & Co.....	Thermometers.....	1 50
Dec. 17	D. Van Nostrand.....	Periodical.....	6 00
Dec. 29	J. L. Hewitt.....	Ribbon for type-writer.....	1 50
Dec. 31	G. N. Rider.....	Book.....	6 00
Dec. 31	R. Hofer.....	Repairing locks.....	19 50
Dec. 31	Franklin & Co.....	Microscope.....	1 25
Dec. 31	L. H. Schneider.....	Hardware.....	23 90
Dec. 31	J. W. Boteler & Bro.....	Ice-pitcher, &c.....	33 00
Dec. 31	C. Graham.....	Washing towels.....	14 00
Dec. 31	M. W. Galt, Bro: & Co.....	Clocks.....	100 00
Dec. 31	Mohun Bros.....	Stationery.....	330 00
1876.			
Jan. 5	Kennebec Ice Company.....	Ice.....	79 65
Jan. 6	H. Blan.....	Laying carpets, &c.....	24 00
Jan. 11	W. H. Boyd.....	City Directories.....	20 00
Jan. 15	Lorenzo Rice.....	Cleaning carpets.....	3 25
Jan. 20	W. S. Thompson.....	Camphor, &c.....	5 10
Jan. 20	B. W. Reed's Sons.....	Soap, &c.....	2 25
Jan. 27	Columbia Railroad Company.....	Tickets.....	5 00
Jan. 27	J. Karr.....	Repairing chronometer.....	16 00
Jan. 28	B. Westermann & Co.....	Journal.....	2 00
Feb. 5	C. Graham.....	Washing towels.....	14 00
Feb. 16	W. D. Glenn.....	Clock.....	15 75
Feb. 19	The Franklin Institute.....	Journal.....	5 00

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
Feb. 19	David Williams	Journal	\$4 50
Feb. 26	John C. Hogan	Repairing flag	4 50
March 3	George M. Israel	Matches	1 60
March 4	D. W. Beverage	Fire-fenders	27 00
March 4	C. Graham	Washing towels	14 00
March 7	H. N. Barlow	Picture-frame	5 00
March 18	Washington and Georgetown Railroad Company.	Tickets	10 00
March 23	J. W. McKnight & Co.	Window-shades	24 50
March 24	H. Baumgarten	Stamp-ribbons	4 50
March 31	J. Mounteney	Repairing roof, &c	10 00
March 31	H. N. Barlow	Picture-frames	8 50
March 31	B. W. Reed's Sons	Soap, sponges, &c	18 58
March 31	B. Westermann & Co.	Magazines	50 45
March 31	William Smith	Repairing stamp, &c	15 50
April 7	Kennebec Ice Company	Ice	78 65
April 8	C. Graham	Washing towels	14 00
April 22	New York Tribune Association ..	Newspaper	2 18
April 26	G. N. Rider	Book	6 00
May 4	Mohun Brothers	Stationery	149 00
May 4	Mohun Brothers	do	44 20
May 5	S. E. Thompson	File-holders	3 00
May 6	C. Graham	Washing towels	20 00
May 10	City post-office	Postage	14 14
May 13	W. E. Spalding & Son	Graining	8 00
May 22	J. L. Hewitt	Repairing type-writer	5 50
June 2	H. Blan	Laying carpet	3 50
June 3	Susan Baret	Scrubbing	75
June 5	Mrs. J. Machin	do	1 50
June 5	E. Jones	do	1 50
June 8	Commissioner of Patents	Official Gazette	3 00
June 9	Munn & Co.	Scientific American	65
June 9	Franklin & Co.	Thermometer	1 25
June 10	Mohun Bros	Stationery	192 70
June 13	C. Graham	Washing towels	20 00
June 25	Washington and Georgetown Railroad Company.	Tickets	5 00
June 30	C. Graham	Washing towels	20 00
June 30	W. S. Thompson	Carbolic acid, &c	8 00
June 30	William Smith	Repairing stamp	3 95
June 30	J. W. Boteler & Bro	Cuspadores	2 15
June 30	Mohun Bros	Stationery	11 14
June 30	Kennebec Ice Company	Ice	88 09
	Total		7,000 00

Amount appropriated \$7,000 00
Amount expended 7,000 00

BUREAU OF MILITARY JUSTICE.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 22	John McDevitt	Book	\$7 50
Aug. 2	William W. Farr	Repairing clock	1 00
Aug. 16	J. S. Barnwell	Portraits	12 00
Aug. 16	J. C. Fry	United States History	3 50
Sept. 18	William Noel	Repairing window-blind	3 25

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
Sept. 18	J. M. Judd	Book	\$4 75
Sept. 28	Western Union Telegraph Com- pany	Telegrams	2 52
Sept. 29	Frank Thomas	Putting down carpet	4 00
Sept. 30	Kennebec Ice Company	Ice	7 80
Oct. 5	James Watts	Washing towels	6 00
Nov. 3	James B. Dodson	Rugs	9 50
Nov. 4	G. M. Wight	Furniture	18 00
Nov. 29	Hy. B. Dawson	Magazine	27 50
Nov. 29	Western Union Telegraph Com- pany	Telegrams	2 50
Nov. 29	do	do	5 70
Dec. 3	M. Larnier	Book	2 00
Dec. 10	James Watts	Washing towels	4 50
Dec. 13	W. C. & F. P. Church	Army and Navy Journal	6 00
Dec. 21	Western Union Telegraph Com- pany	Telegrams	2 76
Dec. 30	Goldstein & Co.	Slop-bowl	7 10
Dec. 31	Kennebec Ice Co.	Ice	7 00
1876.			
Jan. 10	H. Baumgarten	Stamps, dies, &c	14 00
Jan. 12	W. H. Boyd	City Directory	5 10
Jan. 12	James B. Dodson	Foot-mat	3 00
Feb. 1	G. M. Wight	Repairing furniture	9 50
Feb. 23	H. Kemp	United States History	3 00
March 4	James Watts	Washing towels	3 00
March 4	McGill & Witherow	Printing	12 10
March 31	Kennebec Ice Company	Ice	7 00
March 31	Mohun Bros	Stationery	125 30
April 13	M. Laura Larnier	Book	8 00
May 15	W. H. & O. H. Morrison	Books	40 00
May 23	Thomas Washington	Cleaning carpets	5 00
June 1	C. C. Smith	Hand-stamp	3 00
June 2	James Watts	Washing towels	6 00
June 5	W. H. Harrover	Water-cooler	11 00
June 15	Hy. Kemp	United States History	2 00
June 16	W. H. & O. H. Morrison	Books	30 00
June 30	Mohun Bros	Stationery	55 50
June 30	Kennebec Ice Company	Ice	8 75
June 30	H. J. Hart	Roach poison	61
June 30	Western Union Telegraph Com- pany	Telegrams	1 25
	Total		500 00

Amount appropriated..... \$500 00
Amount expended..... 500 00

OFFICE OF THE SURGEON-GENERAL.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 22	M. G. Copeland	Awnings	\$16 00
July 24	A. Banks	Sweeping chimneys	5 00
Aug. 6	Washington Gas Company	Gas	4 75
Aug. 7	Peter Vowell	Cleaning, &c	45 50
Aug. 20	Webb & Beveridge	Ice-pitcher, &c	15 75

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
Aug. 26	Western Union Telegraph Com- pany.	Telegrams	\$76 37
Sept. 1	John C. Ray	Shelves and cases	135 47
Sept. 1	M. G. Copeland	Awnings	20 00
Sept. 6	H. O. Towles	Table	5 00
Sept. 6	Washington Gas Company	Gas	5 50
Sept. 13	Thomas Payne	Sawing wood, &c.	62 50
Sept. 20	T. A. Olliffe	Storing coal	25 00
Sept. 22	John C. Ray	Altering cases	51 75
Sept. 25	Solomon Trover	Wood and coal	569 00
Sept. 28	Western Union Telegraph Com- pany.	Telegrams	43 00
Sept. 30	Anthony Hyde, Attorney	Rent	800 00
Sept. 30	Washington Gas Company	Gas	6 75
Sept. 30	B. F. Morsell	Horse-feed	147 17
Sept. 30	William Hounschild	Laying matting	3 25
Sept. 30	Frank Lemmer	Repairing locks	3 00
Sept. 30	E. F. Simpson	Putting up stoves, &c.	54 05
Sept. 30	B. Koch	Repairing harness	37 85
Sept. 30	J. W. Boteler & Bro	Spittoons, &c	4 00
Sept. 30	George W. Chamberlen	Painting	18 50
Sept. 30	John F. Doran	Shoeing horses	14 50
Sept. 30	Great Falls Ice Company	Ice	182 65
Sept. 30	Andrew J. Joyce	Repairing wagon	7 00
Oct. 15	Webb & Beveridge	Spittoons	7 00
Oct. 16	William S. Mitchell	Oil-cloth, &c	12 13
Oct. 25	Charles G. Ball	Repairing furnace	10 25
Oct. 27	Western Union Telegraph Com- pany.	Telegrams	3 16
Nov. 3	John C. Ray	Carpenter's work	52 00
Nov. 5	Washington Gas Company	Gas	8 75
Nov. 5	F. Schneider & Son	Hardware	6 70
Nov. 20	John C. Ray	Repairs, &c	99 00
Nov. 29	Western Union Telegraph Com- pany.	Telegrams	11 68
Nov. 30	Business Guide	Subscription	21 66
Dec. 1	E. G. Wheeler	Block and falls	4 50
Dec. 7	Washington Gas Company	Gas	8 50
Dec. 21	Western Union Telegraph Com- pany.	Telegrams	6 20
Dec. 24	John C. Ray	Furniture	29 75
Dec. 31	Anthony Hyde, Attorney	Rent	800 00
1876.			
Jan. 11	Great Falls Ice Company	Ice	115 13
Jan. 11	W. H. Boyd	City Directories	50 00
Jan. 11	B. F. Morsell	Horse-feed	173 06
Jan. 11	Andrew J. Joyce	Repairing wagon	14 50
Jan. 11	James H. Collins	Washing towels	50 75
Jan. 11	Hy. Neubeck	Repairing, &c., shears	1 50
Jan. 11	B. Koch	Repairing harness	10 45
Jan. 11	F. Lemmer	Repairing locks	14 50
Jan. 11	J. W. Jennings	Cleaning floors	26 00
Jan. 12	E. F. Simpson	Hardware	26 95
Jan. 12	John F. Doran	Shoeing horses	14 63
Jan. 13	Mohun Bros	Stationery	33 00
Jan. 14	Chronicle Publishing Company	Subscription	4 00
Jan. 14	..... do .....	..... do	1 20
Jan. 20	Washington Gas Company	Gas	10 50
Jan. 20	F. Schneider & Son	Hardware	19 63
Jan. 20	G. W. Chamberlen	Glazing	10 00
Jan. 25	Western Union Telegraph Com- pany.	Telegrams	3 01
Feb. 5	Washington Gas Company	Gas	8 75

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1876.			
Feb. 7	W. S. Mitchell	Oil-cloth	\$2 00
Feb. 12	Edward Flaherty	Repairing stove	12 00
March 7	Washington Gas Company	Gas	5 75
March 24	Western Union Telegraph Com- pany.	Telegrams	2 60
March 31	Anthony Hyde, attorney	Rent	500 00
March 31	T. B. Bishop	Veterinary surgeon	25 00
March 31	B. F. Morsell	Horse-feed	125 50
March 31	Washington Gas Company	Gas	7 75
March 31	Great Falls Ice Company	Ice	93 12
March 31	E. F. Simpson	Repairing stoves	9 50
March 31	F. Lemmer	Repairing locks	4 75
March 31	George W. Chamberlen	Glazing, &c	12 00
March 31	John F. Doran	Shoeing horses	16 75
March 31	B. Koch	Repairing harness	7 40
March 31	F. Schneider & Son	Hardware	6 20
April 17	John C. Ray	Repairing chairs	7 10
April 22	Western Union Telegraph Com- pany.	Telegrams	3 50
May 8	Washington Gas Company	Gas	6 25
May 8	John C. Ray	Repairing stable	26 75
May 11	David Crowley	Repairing flag-balyard	3 00
May 18	John Lockie	Directory	15 00
May 25	Western Union Telegraph Com- pany.	Telegrams	2 50
June 3	The National Republican	Subscription	5 00
June 3	Benjamin Taylor	Whitewashing	107 00
June 3	John C. Ray	Repairing stable	49 75
June 6	Washington Gas Company	Gas	4 85
June 13	A. Banks	Sweeping chimneys	4 40
June 27	Peter Vouell	Scrubbing, &c	56 00
June 30	American District Telegraph Company.	Rent of instrument	50 00
June 30	Anthony Hyde, attorney	Rent	500 00
June 30	James H. Collins	Washing towels	53 75
June 30	B. Koch	Repairing harness	4 75
June 30	B. F. Morsell	Horse-feed	65 60
June 30	Hose, Bros. & Company	Matting, &c	124 75
June 30	M. G. Copeland	Awnings	21 75
June 30	John F. Doran	Shoeing horses	14 75
June 30	Great Falls Ice Company	Ice	130 20
June 30	Andrew J. Joyce	Repairing wagon	9 00
June 30	G. W. Chamberlen	Glazing	6 45
June 30	F. Lemmer	Repairing locks	1 75
June 30	W. S. Mitchell	Towels, &c	16 17
June 30	F. Schneider & Son	Hardware	25 50
June 30	Charles Harling	Tickets (car)	16 25
June 30	Webb & Beveridge	Goblets	5 00
June 30	John C. Ray	File-boards	45 00
June 30	Washington Gas Company	Gas	4 50
June 30	Mohun Bros	Stationery	30 00
June 30	G. M. Wright	Furniture	60 50
June 30	W. S. Thompson	Soap	20 00
June 30	Western Union Telegraph Com- pany.	Telegrams	22 50
	Total		7,400 00

Amount appropriated \$7,000 00
Amount expended 7,000 00

Contingent expenses of War Department, &c.—Continued.

OFFICE OF THE PAYMASTER-GENERAL.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 16	John Lockie	Directory	\$5 00
July 16	G. N. Rider	Book	6 00
July 19	Andrew J. Joyce	Mail-wagon	400 00
July 29	Mohun Bros	Stationery	443 45
July 31	Thomas Williams	File-boards, &c	97 50
Aug. 9	T. T. Lane	Rent of stable	30 00
Aug. 26	Western Union Telegraph Com- pany.	Telegrams	74 68
Sept. 3	T. T. Lane	Rent of stable	25 00
Sept. 23	G. N. Rider	Book	6 00
Sept. 28	Western Union Telegraph Com- pany.	Telegrams	43 51
Sept. 30	R. M. Aldred	Washing towels	25 00
Sept. 30	T. T. Lane	Rent of stable	25 00
Sept. 30	Mohun Bros	Stationery	291 20
Oct. 12	Andrew J. Joyce	Repairing carriage	61 50
Oct. 13	J. S. Topham & Co	Horse-covers, &c	58 50
Oct. 16	H. L. Pelouze & Co	Printing-materials	19 65
Oct. 18	Atlantic, Pacific, and Franklin Telegraph Company.	Telegrams	11 21
Oct. 27	Western Union Telegraph Com- pany.	.....do	15 62
Nov. 3	T. T. Lane	Rent of stable	25 00
Nov. 4	Mohun Bros	Stationery	174 45
Nov. 6	John Tynan	Horse-feed	38 38
Nov. 18	Atlantic & Pacific Telegraph Company.	Telegrams	1 44
Nov. 29	Western Union Telegraph Com- pany.	.....do	10 32
Nov. 29	H. L. Pelouze & Co	Printing-materials	88 56
Dec. 2	T. T. Lane	Rent of stables	25 00
Dec. 3	R. McMurray	Document-strings	29 25
Dec. 7	A. H. Whiting	Newspapers	6 50
Dec. 21	Western Union Telegraph Com- pany.	Telegrams	6 93
Dec. 31	R. M. Aldred	Washing towels	25 00
Dec. 31	T. T. Lane	Rent of stable	25 00
Dec. 31	Mohun Bros	Stationery	504 80
1876.			
Jan. 11	W. H. Boyd	Directories (city)	15 00
Jan. 12	G. N. Rider	Book	6 00
Jan. 25	Western Union Telegraph Com- pany.	Telegrams	8 71
Feb. 8	T. T. Lane	Rent of stable	25 00
Feb. 25	Western Union Telegraph Com- pany.	Telegrams	19 55
March 1	T. T. Lane	Rent of stable	25 00
March 6	R. McMurray	Whip, &c	5 50
March 7	Mohun Bros	Stationery	202 02
March 31	John Tynan	Horse-feed	86 50
March 31	R. M. Aldred	Washing towels	25 00
March 31	T. T. Lane	Rent of stable	25 00
March 31	Mohun Bros	Stationery	72 50
April 5	William S. Mitchell	Chairs, &c	41 00
April 6	Edward Murtz	Book	8 00
April 21	G. N. Rider .....	.....do	6 00
April 22	Western Union Telegraph Com- pany.	Telegrams	20 68
May 4	Mohun Bros	Stationery	134 95
May 5	T. T. Lane	Rent of stable	25 00
May 25	Western Union Telegraph Com- pany.	Telegrams	44 62
May 31	T. T. Lane	Rent of stable	25 00

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1876.			
June 25	Mohun Bros	Stationery	\$257 25
June 26	Western Union Telegraph Company.	Telegrams	31 03
June 27	Andrew J. Joyce	Repairing wagon	27 10
June 30	T. T. Lane	Rent of stable	25 00
June 30	John Tynan	Horse feed	93 08
June 30	R. M. Aldred	Washing towels	25 00
June 30	Franklin Telegraph Company...	Telegrams	12 32
June 30	do	do	9 35
June 30	Mohun Bros	Stationery	39 50
June 30	H. L. Pelouze & Son	Printing materials	6 00
June 30	G. N. Rider	Book	6 00
June 30	Western Union Telegraph Company.	Telegrams	7 18
June 30	Mohun Bros	Stationery	40 71
Total			4,000 00
Amount appropriated			\$4,000 00
Amount expended			4,000 00

OFFICE CHIEF OF ORDNANCE.

Date.	To whom paid.	On what account.	Amount.
1875.			
Aug. 13	Mohun Bros	Stationery	\$144 75
Aug. 24	F. A. Fill & Co.	Newspapers	40 00
Sept. 8	Mohun Bros	Stationery	231 75
Sept. 30	N. Mullikin	Washing towels	18 00
Sept. 30	Kennebec Ice Company	Ice	19 43
Sept. 30	Mohun Bros	Stationery	93 15
Oct. 22	W. C. & F. P. Church	Subscription to Journal	6 00
Nov. 3	Mohun Bros	Stationery	107 05
Nov. 19	D. Van Nostrand	Magazine	5 00
Nov. 24	William S. Mitchell	Cleaning carpets	45 00
Dec. 4	Mohun Bros	Stationery	151 00
Dec. 13	Adams Express Company	Freight	6 55
Dec. 31	Mohun Bros	Stationery	30 70
1876.			
Jan. 3	N. Mullikin	Washing towels	18 00
Jan. 7	Kennebec Ice Company	Ice	13 57
Jan. 7	D. Van Nostrand	Book	6 00
Feb. 8	Mohun Bros	Stationery	92 25
March 8	do	do	62 55
March 31	N. Mullikin	Washing towels	18 00
March 31	Mohun Bros	Stationery	125 75
April 7	Kennebec Ice Company	Ice	10 31
April 12	M. Laura Larner	Book	7 00
May 5	Mohun Bros	Stationery	329 75
June 30	N. Mullikin	Washing towels	18 00
June 30	John J. Cook	Salt-sacks	50
June 30	William S. Mitchell	Cleaning carpets	17 60
June 30	G. M. Wight	Rubber chair-buttons	4 00
June 30	Mohun Bros	Stationery	365 46
June 30	Kennebec Ice Company	Ice	13 28
Total			2,000 00

Amount appropriated

Amount expended

\$2,000 00

2,000 00

Contingent expenses of War Department, &c.—Continued.

OFFICE OF THE CHIEF OF ENGINEERS.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 13	Franklin Philp	Stationery	\$7 25
July 13	William H. Deckman	Taking up carpets	20 00
July 15	H. C. Griffith	Repairing scales	7 10
July 22	W. C. & F. P. Church	Journal	6 00
July 31	Elizabeth Denham	Washing towels	5 00
Aug. 2	James L. Savage	Brushes	6 00
Aug. 6	Mohun Bros	Books	69 75
Aug. 6	do	Stationery	86 85
Aug. 7	F. W. Christern	Periodicals	6 00
Aug. 19	William Smith	Hand-stamps	11 60
Aug. 27	C. H. Emerson & Co	Business Guide	5 00
Aug. 28	M. M. Magruder	Carpenter's work	16 70
Aug. 31	Elizabeth Denham	Washing towels	5 00
Sept. 1	Lorenzo Rice	Cleaning carpets	36 65
Sept. 2	Webb & Beveridge	Pitcher, &c	24 65
Sept. 6	H. O. Towles	Furniture	24 00
Sept. 9	Mohun Bros	Books	46 00
Sept. 9	do	Stationery	97 85
Sept. 22	H. F. Zimmermann & Son	Repairing furniture	6 00
Sept. 30	Elizabeth Denham	Washing towels	5 00
Sept. 30	J. T. & H. B. Castleman	Office furnishings	14 20
Sept. 30	Robert Sillers	Sundries	34 53
Sept. 30	Kennebec Ice Company	Ice	11 70
Sept. 30	Ruth A. Thompson	Washing towels	15 00
Sept. 30	Mohun Bros	Stationery	55 53
Oct. 14	W. B. Moses	Carpets, &c	118 62
Oct. 30	Elizabeth Denham	Washing towels	5 00
Oct. 30	Mortimer King	Putting down carpets	30 00
Nov. 8	Mohun Bros	Stationery	62 50
Nov. 8	do	Books	6 25
Nov. 18	B. Westermann & Co	Atlas	20 80
Nov. 19	John Campbell	Repairing chairs	6 00
Nov. 24	John Lockie	Book	5 00
Nov. 27	J. S. Swormstedt	Dusters	17 50
Nov. 29	F. W. Christern	Periodicals	7 00
Nov. 29	Macmillan & Co	Magazine	5 00
Nov. 30	Elizabeth Denham	Washing towels	5 00
Nov. 30	J. T. & H. B. Castleman	Cuspadores	7 50
Dec. 3	W. L. Wall & Co	Mirror	9 25
Dec. 6	Mohun Bros	Stationery	144 45
Dec. 13	Dobler, Mudge & Chapman	Manila envelopes, &c	125 13
Dec. 15	Miller & Smith	Magazine	10 50
Dec. 16	Munn & Co	Scientific American	7 00
Dec. 27	J. T. & H. B. Castleman	Cuspadores	16 80
Dec. 29	Seidewitz & Franke	Muslin boxes	18 50
Dec. 30	Beall & Baker	Sundries	21 32
Dec. 31	Elizabeth Denham	Washing towels	5 00
Dec. 31	E. B. Smith	Webster's Dictionary	8 00
Dec. 31	J. L. Harmon	Newspapers	3 30
Dec. 31	R. A. Thompson	Washing towels	15 00
Dec. 31	W. B. Moses	Towels, &c	47 00
Dec. 31	William F. Lutz	Brass letters	5 85
Dec. 31	Robert Sillers	Car-tickets, &c	31 55
Dec. 31	J. C. Lang	Book	6 00
Dec. 31	H. O. Towles	Furniture	49 00
Dec. 31	William S. Mitchell	Oil-cloth, &c	51 42
Dec. 31	Mohun Bros	Magazine, &c	8 00
Dec. 31	do	Stationery	257 40
Dec. 31	Kennebec and Potomac Ice Com- pany.	Ice	7 65

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1876.			
Jan. 12	W. H. Boyd.....	City Directories.....	\$30 00
Jan. 20	F. Schneider & Son.....	Hardware.....	3 35
Jan. 11	Elizabeth Denham.....	Washing towels.....	5 00
Feb. 7	Franklin Institute.....	Subscription.....	5 00
Feb. 8	Mohun Bros.....	Books.....	13 50
Feb. 8	.....do.....	Stationery.....	108 00
Feb. 14	P. F. Van Everen.....	Perforated numbers.....	5 00
Feb. 18	George H. Frost.....	Subscription to Engineering News.....	2 12
Feb. 19	Department of State.....	Revised Statutes.....	21 45
Feb. 26	Elizabeth Denham.....	Washing towels.....	5 00
March 7	William Hounschild.....	Repairing blinds, &c.....	5 25
March 8	Mohun Bros.....	Stationery.....	129 45
March 8	.....do.....	Magazines, &c.....	20 50
March 8	M. M. Magruder.....	Carpenter's work.....	10 75
March 9	Macmillan & Co.....	Book.....	12 00
March 16	Max Weyl.....	Clock.....	6 50
March 30	Franklin & Co.....	Thermometer.....	2 50
March 31	Elizabeth Denham.....	Washing towels.....	5 00
March 31	Ruth A. Thompson.....	.....do.....	15 00
March 31	Robert Sillers.....	Car-tickets, &c.....	22 32
March 31	Mohun Bros.....	Book.....	5 00
March 31	.....do.....	Stationery.....	130 00
April 29	James Anglim.....	Book.....	8 00
May 1	Elizabeth Denham.....	Washing towels.....	5 00
May 1	William Hounschild.....	Paste.....	3 00
May 4	Mohun Bros.....	Stationery.....	61 40
May 4	.....do.....	Books.....	7 00
May 10	Thomas Dowling.....	.....do.....	5 50
May 10	L. H. Schneider.....	Hardware.....	4 43
May 13	B. Westermann & Co.....	Atlas.....	1 65
May 13	Charles Rump.....	Morocco case.....	7 85
May 16	Benjamin Ashworth.....	Books.....	17 00
May 31	Elizabeth Denham.....	Washing towels.....	5 00
June 3	National Republican.....	Subscription.....	5 00
June 10	Mohun Bros.....	Stationery.....	34 75
June 10	.....do.....	Books.....	2 75
June 30	Elizabeth Denham.....	Washing towels.....	5 00
June 30	J. T. & H. B. Castleman.....	Water-cooler.....	5 75
June 30	William Hounschild.....	Paste.....	4 00
June 30	James L. Harmon.....	Newspapers.....	3 30
June 30	W. H. & O. H. Morrison.....	Books.....	66 00
June 30	.....do.....	Book-case.....	20 00
June 30	M. M. Magruder.....	Carpenter's work.....	72 00
June 30	H. F. Zimmermann & Son.....	Furniture.....	15 75
June 30	R. A. Thompson.....	Washing towels.....	15 00
June 30	F. Mohun & Sons.....	Lumber.....	37 91
June 30	C. A. Schneider & Son.....	Repairing press.....	2 00
June 30	F. Schneider & Son.....	Hardware.....	5 23
June 30	B. Ashworth.....	Books.....	5 00
June 30	Robert Sillers.....	Miscellaneous expenses.....	50 45
June 30	Mohun Bros.....	Stationery.....	57 50
June 30	.....do.....	Books.....	14 25
June 30	Thouet Brothers.....	Furniture.....	55 20
June 30	Kennebec Ice Company.....	Ice.....	23 40
June 30	H. O. Towles.....	Looking-glass.....	3 50
	Total.....		3,000 00

Amount appropriated \$3,000 00
 Amount expended 3,000 00

Contingent expenses of War Department, &c.—Continued.

OFFICE COMMISSARY-GENERAL.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 3	E. G. Gunson & Co	Business Guide	\$5 00
July 10	Thomas Norfleet	Harness, &c	40 37
July 13	W. D. Wyvill	Water-cooler	10 00
July 14	Washington and Georgetown Railroad Company.	Tickets	5 00
July 22	B. W. Reed & Sons	Soap, &c	60 70
July 22	W. S. Mitchell	Shades	9 00
July 24	John Markriter	Silver cord	6 25
July 29	George Watts & Co	Buckets	3 00
Aug. 2	A. B. Stoughton	Rent	333 33
Aug. 4	W. D. Wyvill	Shovel, &c	3 25
Aug. 4	J. H. Kuehling	Hanging bell	1 50
Aug. 5	Mohun Bros	Stationery	166 40
Aug. 6	Washington Gas Company	Gas	1 75
Aug. 13	Army and Navy Journal	Subscription	6 00
Aug. 16	Webb & Beveridge	Ice-pitcher, &c	40 67
Aug. 19	Army and Navy Journal	Subscription	1 50
Aug. 26	Western Union Telegraph Com- pany.	Telegrams	25 61
Aug. 27	Metropolitan Railroad Company.	Tickets	5 00
Aug. 28	Leonard Taylor	Cleaning carpets	2 00
Sept. 4	Jane E. Strother	Washing towels	12 00
Sept. 6	Washington Gas Company	Gas	2 00
Sept. 6	A. B. Stoughton	Rent	333 34
Sept. 8	C. P. Howell	Cleaning carpet	22 50
Sept. 9	Mohun Bros	Stationery	122 10
Sept. 24	M. W. Galt, Bro. & Co	Clock	25 00
Sept. 28	Western Union Telegraph Com- pany.	Telegrams	9 41
Sept. 30	A. B. Stoughton	Rent	333 33
Sept. 30	Mohun Bros	Stationery	135 40
Sept. 30	Kennebec Ice Company	Ice	46 00
Sept. 30	Washington Gas Company	Gas	3 25
Oct. 6	New York Times	Subscription	12 00
Oct. 13	W. B. Moses	Carpets, &c	248 48
Oct. 23	John Markriter	Whitening ceilings	11 50
Oct. 27	Western Union Telegraph Com- pany.	Telegrams	20 43
Oct. 30	W. D. Wyvill	Stoves, &c	178 85
Oct. 30	Jane E. Strother	Washing towels	12 00
Nov. 2	A. B. Stoughton	Rent	333 34
Nov. 4	Mohun Bros	Stationery	175 15
Nov. 5	Washington Gas Company	Gas	5 25
Nov. 5	M. L. Larnier	Book	2 00
Nov. 16	S. W. Lloyd	Blankets	15 50
Dec. 7	Washington Gas Company	Gas	4 75
Dec. 8	Solomon Stover	Wood and coal	274 00
Dec. 10	Mohun Bros	Stationery	91 75
Dec. 18	H. and F. D. Lewis, administra- tors.	Rent	333 33
Dec. 18	A. L. Martin	Picture	36 00
Dec. 21	C. P. Howell	Cleaning carpet	5 50
Dec. 21	Western Union Telegraph Com- pany.	Telegrams	5 52
Dec. 28	Columbia Railroad Company	Tickets	5 00
Dec. 30	John Markriter	Papering room	25 00
Dec. 31	Jane E. Strother	Washing towels	12 00
Dec. 31	Thomas Norfleet	Horse-cover, &c	22 50
Dec. 31	W. S. Mitchell	Tapestry, &c	7 88
Dec. 31	Mohun Bros	Stationery	65 80

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
Dec. 31	Washington Gas Company	Gas	\$6 00
Dec. 31	Kennebec Ice Company	Ice	29 05
1876.			
Jan. 11	W. H. Boyd	City Directories	5 00
Jan. 18	F. D. Lewis, attorney	Rent	333 34
Jan. 27	B. W. Reed's Sons	Feather-dusters, &c.	9 50
Feb. 3	F. D. Lewis, attorney	Rent	333 33
Feb. 5	Washington Gas Company	Gas	4 75
Feb. 7	Metropolitan Railroad Company.	Tickets	5 00
Feb. 8	Mohun Bros	Stationery	176 90
Feb. 15	Chronicle Publishing Company..	Subscription	8 70
Feb. 25	Western Union Telegraph Com- pany.	Telegrams	4 22
Feb. 29	The Nation	Subscription	1 30
March 3	F. D. Lewis, attorney	Rent	333 34
March 4	Jane E. Strother	Washing towels	12 00
March 7	Washington Gas Company	Gas	4 75
March 8	Mohun Bros	Stationery	93 25
March 10	W. B. Moses	Furniture	64 90
March 16	Maj. William Myers	Flag	4 67
March 24	Western Union Telegraph Com- pany.	Telegrams	4 35
March 25	Solomon Stover	Wood and coal	34 00
March 31	F. D. Lewis, attorney	Rent	333 32
March 31	W. D. Wyvill	Repairing furnace	19 00
March 31	B. W. Reed's Sons	Feather-dusters, &c.	57 15
March 31	Mohun Bros	Stationery	92 30
April 6	Washington Gas Company	Gas	4 70
April 8	Kennebec Ice Company	Ice	12 20
April 22	Western Union Telegraph Com- pany.	Telegrams	34 73
April 28	J. M. Fernandez	Awnings	45 00
May 1	F. D. Lewis, attorney	Rent	333 33
May 4	Mohun Bros	Stationery	109 75
May 8	Washington Gas Company	Gas	4 25
May 18	H. N. Barlow	Picture frames	7 50
May 25	Western Union Telegraph Com- pany.	Telegrams	18 00
May 27	Solomon Stover	Wood and coal	16 00
May 31	W. B. Williams	File-cases	34 00
June 2	F. D. Lewis, attorney	Rent	333 34
June 3	Jane E. Strother	Washing towels	18 00
June 6	Washington Gas Company	Gas	2 70
June 8	W. D. Wyvill	Repairing furnaces	11 95
June 10	Mohun Bros	Stationery	140 50
June 10	George Bancroft	Book	5 00
June 13	W. B. Moses	Carpets, &c	31 45
June 14	William Cole	Whitewashing	6 00
June 17	H. N. Barlow	Easel-folio	65 00
June 23	William Cole	Whitewashing	16 25
June 26	Western Union Telegraph Com- pany.	Telegrams	16 24
June 30	F. D. Lewis, attorney	Rent	333 33
June 30	William S. Mann	Varnishing	27 00
June 30	Isabella Dodson	Scrubbing	6 50
June 30	Thomas Norfleet	Harness, &c	119 55
June 30	Jane E. Strother	Washing towels	6 00
June 30	Hooe, Bro. & Co.	Rugs, mats, &c	41 00
June 30	Hooe, Bro. & Co.	Extra rug and mat	12 50
June 30	G. M. Wight	Furniture	104 00
June 30	G. M. Wight	Table	20 00
June 30	Shmedtie Bros	Clock	12 00

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1876.			
June 30	W. S. Mitchell.....	Towels, &c	\$26 00
June 30	W. S. Mitchell.....	Shades, &c	13 80
June 30	Webb & Beveridge.....	Cuspadores	6 00
June 30	Washington Gas Company.....	Gas	2 70
June 30	Hooe, Bro. & Co.....	Mat	7 00
June 30	Solomon Stover.....	Coal, &c	74 00
June 30	Mohun Bros	Stationery	244 05
June 30	Kennebec Ice Company.....	Ice.....	25 61
	Total.....	.....	8,000 00

Amount appropriated \$8,000 00
Amount expended 8,000 00

BUILDING CORNER SEVENTEENTH AND F STREETS.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 10	G. C. Shaw	Papering	\$268 00
July 12	William S. Mitchell	Matting	410 18
July 13	H. O. Towles.....	Furniture	54 00
July 14	James H. Byram.....	Carpenter-work	127 69
July 16	M. G. Copeland	Window-shades	100 40
July 16	John H. Brown	Kalsomining, &c	201 00
July 16	Charles G. Ball	Masonry-work, &c	261 80
July 17	G. W. Chamberlen	Painting	338 53
July 20	L. H. Schneider	Lock and keys	6 31
July 26	Stackpole & Bro.....	Steel tape-line	10 00
July 31	G. W. Chamberlen	Glazing	9 80
July 31	Riggles & Gadsby	Brooms, &c.....	18 45
July 31	Daniel Ford	Laborer	40 00
July 31	Hy. C. Griffith	Engineer	125 00
July 31	Addison Webster	Laborer	30 00
Aug. 6	James Kelly.....	Roofing, &c.....	69 00
Aug. 6	Washington Gas Company.....	Gas	8 25
Aug. 16	F. Schneider & Son	Hardware, &c	11 06
Aug. 16	Charles G. Ball	Registers, &c	267 75
Aug. 24	R. T. Hieston	Wood and coal	463 17
Aug. 25	William W. Farr.....	Cleaning, &c., clock	3 00
Aug. 27	Charles Chase	Hauling ashes	14 00
Aug. 27	R. A. Phillips	Sash-cord, &c	6 50
Aug. 31	Hy. C. Griffith	Engineer	125 00
Aug. 31	Daniel Ford	Laborer	40 00
Aug. 31	Addison Webster	do	30 00
Sept. 6	Washington Gas Company	Gas	11 75
Sept. 25	B. Thornton	Brick wall, &c.....	136 29
Sept. 30	Daniel Ford	Laborer	40 00
Sept. 30	Addison Webster	do	30 00
Sept. 30	Hy. C. Griffith	Engineer	125 00
Sept. 30	John A. Power.....	Repairing heater	127 50
Sept. 30	Thomas Somerville.....	Repairing steam-engine	136 31
Sept. 30	William Bradley.....	Marble stone	140 57
Sept. 30	A. H. Adams	Watering sodding.....	7 00
Sept. 30	Samuel T. Ellis	Flne-scrapers	7 50
Sept. 30	Washington Gas Company.....	Gas	19 00
Sept. 30	Kennebec Ice Company	Ice	5 52
Oct. 3	Philip Adams	Charcoal	25 20
Oct. 9	R. T. Hieston	Wood and coal	1,771 77
Oct. 12	G. C. Shaw	Papering	17 00
Oct. 15	Charles G. Ball	Repairing furnaces.....	624 75
Oct. 16	Charles Chase	Hauling, &c	4 50

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1875.			
Oct. 26	C. Burlew	Concrete	\$23 00
Oct. 30	Hy. C. Griffith	Engineer	125 00
Oct. 30	Daniel Ford	Laborer	40 00
Oct. 30	Addison Webster	do	30 00
Nov. 5	Washington Gas Company	Gas	21 00
Nov. 30	Hy. C. Griffith	Engineer	125 00
Nov. 30	Daniel Ford	Laborer	40 00
Nov. 30	Addison Webster	do	30 00
Dec. 7	Washington Gas Company	Gas	30 25
Dec. 24	James Kelly	Laying zinc, &c	6 50
Dec. 31	Daniel Ford	Laborer	40 00
Dec. 31	Addison Webster	do	30 00
Dec. 31	Hy. C. Griffith	Engineer	125 00
Dec. 31	Washington Gas Company	Gas	36 50
Dec. 31	Kennebec Ice Company	Ice	4 60
1876.			
Jan. 12	W. H. Boyd	City Directories	10 00
Jan. 14	John A. Power	Repairing water-closets	139 52
Jan. 20	G. W. Chamberlen	Glazing, &c	262 15
Jan. 20	James H. Byram	Carpenter's work	104 13
Jan. 31	H. C. Griffith	Engineer	125 00
Jan. 31	Daniel Ford	Laborer	40 00
Jan. 31	Addison Webster	do	30 00
Feb. 9	J. H. Brown	Plastering, &c	28 10
Feb. 29	Hy. C. Griffith	Engineer	125 00
Feb. 29	Daniel Ford	Laborer	40 00
Feb. 29	Addison Webster	do	30 00
Feb. 29	James Tindall	do	19 75
March 31	Addison Webster	do	30 00
April 29	do	do	30 00
May 6	James Kelly	Repairing roof	65 00
May 6	J. H. Byram	Carpenter's work	41 52
May 6	F. Schneider & Son	Hardware	9 25
May 8	John A. Power	Plumbing	629 60
May 8	E. F. Simpson	Repairing stoves	17 00
May 8	Washington Gas Company	Gas for January	35 75
May 8	do	Gas for February	32 00
May 8	do	Gas for March	27 50
May 8	do	Gas for April	28 75
May 9	Thomas Lewis	Brick-layer	95 00
May 9	Riggles & Gadsby	Matches, brooms, &c	18 95
May 9	Kennebec Ice Company	Ice	4 65
May 10	Patrick Fitzgerald	Grading yard	8 50
May 10	Pettit & Dripps	Repairing boilers	220 53
May 13	Charles G. Ball	Repairing stove	4 50
May 13	G. W. Chamberlen	Glazing	10 50
May 20	Baldwin Bros	Double door, &c	13 25
May 31	Addison Webster	Laborer	30 00
June 6	Washington Gas Company	Gas	14 15
June 29	James R. Cole	Grading, &c	10 00
June 30	Addison Webster	Laborer	30 00
June 30	R. A. Phillips	Carpenter-work	10 50
June 30	F. Schneider & Son	Hardware	32 21
June 30	M. G. Copeland	Repairing awnings	67 20
June 30	Washington Gas Company	Gas	14 40
June 30	Riggles & Hopkins	Soap, &c	23 05
June 30	Kennebec Ice Company	Ice	4 55
June 30	R. T. Hieston	Wood and coal	173 75
Total			9,661 20

Amount appropriated, (contingencies, \$8,000; deficiency, \$1,661.20)..... \$9,661 20
Amount expended..... 9,661 20

Contingent expenses of War Department, &c.—Continued.

BUILDING CORNER FIFTEENTH AND F STREETS.

Date.	To whom paid.	On what account.	Amount.
1875.			
July 14	Thomas Williams	Locks and keys.....	\$14 40
Aug. 4	William Dunawin.....	Brooms.....	6 00
Aug. 6	Washington Gas Company.....	Gas.....	11 00
Sept. 6	do.....	do.....	15 50
Sept. 27	Grymes & Nelson	Putting down carpets.....	27 00
Sept. 30	Anthony Hyde, attorney	Rent.....	1, 875 00
Sept. 30	Washington Gas Company.....	Gas.....	18 75
Oct. 1	Denis Reilly	Kindling	20 00
Oct. 9	Thomas Williams	Carpenter's work	36 50
Oct. 12	Great Falls Ice Company.....	Ice.....	59 00
Oct. 14	George J. Musser.....	Sundries	19 80
Oct. 14	John C. Hogan	Repairing awnings, &c.....	20 50
Oct. 16	William S. Mitchell.....	Carpet-lining, mats, &c.....	109 27
Oct. 26	Webb & Beveridge.....	Cuspadores, fenders, &c.....	100 25
Nov. 5	Washington Gas Company.....	Gas.....	24 00
Nov. 10	Thomas Williams	File-boards, &c.....	26 35
Nov. 13	S. S. Watts	Painting, &c.....	20 25
Nov. 19	G. Wagner.....	Ventilator.....	5 00
Nov. 24	Louis Koerth.....	Hauling ashes, &c.....	6 00
Dec. 2	C. Kattleman	Clock.....	12 00
Dec. 3	William S. Mitchell.....	Mats, cambric, &c.....	60 19
Dec. 7	Washington Gas Company.....	Gas.....	28 00
Dec. 14	Thomas Williams	Repairs, &c.....	12 00
Dec. 23	George J. Musser.....	Soap, &c.....	33 90
Dec. 29	L. H. Schneider.....	Maula rope.....	20 22
Dec. 30	Charles G. Ball	Zinc, screws, labor, &c.....	77 25
Dec. 30	Thomas Williams	File-boards, &c.....	21 65
Dec. 31	R. W. Barker	Book-stand, &c.....	40 50
Dec. 31	Webb & Beveridge.....	Water-cooler, &c.....	44 86
Dec. 31	American District Telegraph Com- pany.....	Rent of instrument.....	15 00
Dec. 31	Anthony Hyde, attorney.....	Rent.....	1, 875 00
Dec. 31	Washington Gas Company.....	Gas.....	32 25
1876.			
Jan. 11	Great Falls Ice Company.....	Ice.....	39 00
Jan. 25	Dennis Riley.....	Kindling	10 00
Feb. 5	Washington Gas Company.....	Gas.....	33 00
Feb. 11	N. W. Burchell.....	Matches, &c.....	7 38
Feb. 19	Thomas Williams	File-boards, &c.....	32 50
March 6	R. McMurray.....	Document-straps.....	25 00
March 7	Washington Gas Company.....	Gas.....	32 00
March 11	Thomas Williams	Carpenter's work	123 00
March 18	do.....	do.....	259 51
March 25	do.....	do.....	169 50
March 31	Anthony Hyde, attorney.....	Rent.....	1, 875 00
March 31	William S. Mitchell.....	Carpets, oil-cloth, &c.....	842 49
March 31	Webb & Beveridge.....	Office-furnishings	110 40
March 31	Thomas Williams	Carpenter's work	133 67
March 31	Washington Gas Company.....	Gas.....	33 00
March 31	Great Falls Ice Company.....	Ice.....	38 50
March 31	E. A. Ridgway.....	Plumbing	376 10
March 31	John C. Hogan	Awnings, &c.....	201 30
April 7	Louis Koerth.....	Hauling ashes, &c.....	9 00
April 15	Thomas Williams	Carpenter's work.....	71 75
April 15	Charles G. Ball	Repairing furnace.....	415 99
April 25	S. S. Watts	Painting	91 35
April 26	R. W. Barker	Carpenter's work	31 00
April 29	John C. Hogan.....	Awnings	15 00
May 1	Mary L. Reed.....	Rent.....	400 00

Contingent expenses of War Department, &c.—Continued.

Date.	To whom paid.	On what account.	Amount.
1876.			
May 5	American District Telegraph Com- pany.	Rent of instrument.....	\$15 00
May 5	C. Kattelmann.....	Clock.....	11 00
May 8	Washington Gas Company.....	Gas.....	37 75
May 31	George Bogus.....	Coal.....	416 29
June 1	Mary L. Reed.....	Rent.....	400 00
June 3	William H. Dunawin.....	Brooms.....	6 00
June 6	Washington Gas Company.....	Gas.....	27 45
June 10	Thomas Williams.....	Carpenter's work.....	91 00
June 24	S. S. Watts.....	Painting.....	18 00
June 26	Webb & Beveridge.....	Water-cooler, &c.....	29 65
June 27	Andrew J. Joyce.....	Repairing printing-press.....	24 75
June 30	Mary L. Reed.....	Rent.....	500 00
June 30	William W. Farr.....	Repairing clocks.....	25 00
June 30	Great Falls Ice Company.....	Ice.....	65 32
June 30	Washington Gas Company.....	Gas.....	19 35
June 30	C. Schneider.....	Hanging gongs, &c.....	38 00
June 30	B. W. Reed's Sons.....	Matches, &c.....	10 30
June 30	American District Telegraph Com- pany.	Use of instrument.....	15 00
June 30	William S. Mitchell.....	Shades, &c.....	47 38
June 30	George J. Musser.....	Chamois-skins.....	32 85
June 30	L. H. Schneider.....	Hardware.....	15 12
June 30	Thomas Williams.....	Carpenter's work.....	144 50
June 30	E. A. Ridgway.....	Plumbing.....	74 26
June 30	N. W. Burchell.....	Matches.....	3 75
	Total.....	.....	12, 138 95

Amount appropriated.....\$12, 500 00
 Amounted expended.....12, 138 95

Balance in the Treasury.....361 05

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SALE OF NAVY-YARDS.

LETTER

FROM

THE SECRETARY OF THE NAVY,

TRANSMITTING

A copy of the report of the board of officers organized under the provisions of the act of Congress, approved June 30, 1876, to examine and determine whether, in their opinion, any of the navy-yards can be dispensed with and abandoned, &c.

DECEMBER 12, 1876.—Referred to the Committee on Naval Affairs and ordered to be printed.

NAVY DEPARTMENT,
Washington, December 11, 1876.

SIR: The act of Congress making appropriations for the naval service for the year ending June 30, 1877, and for other purposes, approved June 30, 1876, directed the Secretary of the Navy "to organize a naval board of five commissioned officers of the Navy, as soon as practicable, three of whom shall be the senior officers of the active-list of the Navy, whose duty it shall be to examine fully and determine whether in their opinion any of the navy-yards can be dispensed with and abandoned, and if so, to report the best manner of making disposition of the same; and further, to inquire as to the propriety of establishing a naval rendezvous at Tybee Island or at Cockspur Island, in the State of Georgia, or at any other point on the coast of Georgia or South Carolina; and whether any Government property at said islands can be made available and is suitable for such purpose; and said board shall, through the Secretary of the Navy, report to Congress at the commencement of the next session the result of their inquiry."

The board was appointed as directed, and I have the honor to transmit a copy of their report, and also a copy of the proceedings of the board.

Very respectfully, your obedient servant,

GEO. M. ROBESON,
Secretary of the Navy.

The HON. SAMUEL J. RANDALL,
Speaker of the House of Representatives.

REPORT OF THE BOARD OF OFFICERS CONVENED BY AUTHORITY OF CONGRESS FOR THE EXAMINATION OF NAVY-YARDS.

WASHINGTON, D. C., *December 5, 1876.*

SIR: We have the honor to inform you that in obedience to the act of Congress directing us to examine fully and determine whether in our opinion any of the navy-yards can be dispensed with and abandoned, &c., and in conformity with the order of the Department, dated September 4, 1876, we have performed the duty intrusted to us, and beg leave to report as follows:

We recommend that the following navy-yards and stations be *not abandoned or dispensed with*:

- Navy-yard at Kittery, Me.
- Navy-yard at Boston, Mass.
- Navy-yard at Brooklyn, N. Y.
- Navy-yard at League Island, Pa.
- Navy-yard at Washington, D. C.
- Navy-yard at Norfolk, Va.
- Navy-yard at Pensacola, Fla.
- Navy-yard at Mare Island, Cal.
- Naval station at Key West, Fla.
- Naval station at Sacket's Harbor, N. Y.

We further recommend that the following places be abandoned and dispensed with:

- Navy-yard at New London, Conn.
- Naval ground at New Orleans, La.
- Naval property at Brunswick, Ga.

Accompanying this report you will find minutes of the proceedings of the board, containing their reasons for coming to the above conclusions, together with such information as they were able to collect.

The board have visited in a public vessel the harbors of Port Royal, S. C., Savannah, Ga., and Brunswick, Ga., and the coast of South Carolina and Georgia, which it was necessary to do to enable them to form a correct judgment in regard to the several positions, as to their capabilities for naval stations.

The board see no propriety at this moment in recommending any permanent naval station at either of these points. Cockspur and Tybee Islands are not at all suited for such a purpose; at Brunswick, Ga., the ground at present belonging to the United States Government is wholly unsuitable for a navy-yard, owing to its being mostly marsh, its difficult approaches, narrow channel, and the distance from shore of the necessary depth of water.

The harbor of Port Royal, S. C., and its tributaries, present great advantages, and offer the necessary depth of water and facilities for entering the port without risk to vessels of war. Port Royal Bay is a noble sheet of water, undoubtedly the finest harbor on our southern coast. The wonder is that the place was so little known or appreciated prior to 1861.

There are several favorable sites for a naval station at Port Royal, all of which must be carefully studied and compared before the best one can be determined. In the mean time the board recommend that Port Royal be used as a temporary fitting and coaling station for vessels stationed in the West Indies.

This could be established at no great outlay, by keeping here a few

old ships, on board which temporary machinery could be erected for the repair of vessels, engines, and boilers—a store-ship is at present stationed there—a depot for coal on shore or in hulks, and a hospital and ordnance-ship, all of which could be removed at a moment's notice, if the Government did not deem it expedient to continue to occupy this place as a naval station.

We have the honor to remain, very respectfully, yours,

DAVID D. PORTER, *Admiral.*

S. C. ROWAN, *Vice-Admiral.*

C. H. DAVIS, *Rear-Admiral.*

J. W. KING, *Chief Engineer.*

J. W. EASBY, *Naval Constructor.*

Proceedings of the board of officers convened by authority of Congress for the examination of navy-yards.

NAVY DEPARTMENT,
WASHINGTON, D. C., September 4, 1876.

SIR: The following forms a part of the naval appropriation bill:

For the civil establishments of the several navy-yards, \$85,000. And the Secretary of the Navy is hereby directed to organize a naval board of five commissioned officers in the Navy, as soon as practicable, three of whom shall be the senior officers on the active list of the Navy, whose duty it shall be to examine fully and determine whether, in their opinion, any of the navy-yards can be dispensed with and abandoned; and, if so, to report the best manner of making disposition of the same, and further to inquire as to the propriety of establishing a naval rendezvous at Tybee Island or at Cockspar Island, in the State of Georgia, or at any other point on the coast of Georgia or South Carolina, and whether any Government property at said islands can be made available and are suitable for such purpose, and said board shall, through the Secretary of the Navy, report to Congress, at the commencement of the next session, the result of their inquiry, and the sum of \$2,000 is hereby appropriated to meet the expenses incurred by said board.

In accordance therewith the officers specified therein and those herein selected by the Department, Chief-Engineer James W. King and Naval-Constructor John W. Easby, will report to you on the 2d October next at any point designated by you, and you will proceed to the execution of the duty as required above, and report with as little delay as may be necessary to make examinations and discuss the subjects proposed.

You will inform the Department where the members of the board will report to you on the 2d of October next, or as soon thereafter as may be convenient to you.

Very respectfully,

GEORGE M. ROBESON,
Secretary of the Navy.

Admiral D. D. PORTER,
Washington D. C.

WASHINGTON, D. C., October 3, 1876.

The board met at 2 p. m., agreeably to the above order. Present: Admiral David D. Porter, Vice-Admiral S. C. Rowan, Rear-Admiral C. H. Davis, Chief-Engineer J. W. King, Naval-Constructor J. W. Easby.

The subject of the comparative importance was discussed. Admiral Rowan proposed that the navy-yards should be taken up in order, commencing with that at Kittery, Me. This motion having been unan-

imously concurred in, the board further decided that it was not necessary to visit the several yards, with the exception of League Island Adjourned.

WASHINGTON, D. C., *October 4, 1876.*

The board met at 2 p. m. All the members present.

The subject of the Kittery navy-yard was taken up, and, after a full discussion, the board agreed that the navy yard should not be dispensed with or abandoned—

First. On account of its value to the Government as a building and equipping station.

Second. Because it is in a harbor where the water is open in the coldest weather and the port is at all times and seasons accessible.

Third. As a refuge for vessels coming from a sickly station with an epidemic on board there is no other harbor where so many facilities are presented, or where the inhabitants have made so little objection to our infected ships occupying the outer harbor.

Fourth. There is a large population in and around Portsmouth, N. H., and Kittery, Me., who have passed their lives in ship-building, and the naval mechanics in that vicinity are esteemed among the best in our country.

While the board are decidedly opposed to abandoning the Kittery yard, it seems to them that some expression of opinion on their part should be recorded in regard to what should be done with the yard in case work there is temporarily suspended. They recommend that the yard should have a sufficient force of officers and employes kept on duty to maintain it in the most efficient condition and ready for any emergency. Adjourned.

WASHINGTON, D. C., *October 5, 1876.*

The board met at 2 p. m. All the members present.

The subject of the Boston navy-yard was considered, and, after a full discussion, it was unanimously resolved that the navy-yard at Boston, Mass., cannot be dispensed with or abandoned, for the following reasons:

First. On account of its great pecuniary value, having cost the Government, up to the present time, for buildings, docks, wharves, machinery, grading, &c., \$7,054,782.10, not one-fourth part of which sum would be realized if the yard was sold or abandoned.

Second. Boston is one of the most eligible positions for a naval station on the northeastern coast, giving easy access to our ships in time of war, and capable of affording them and the naval station protection by the military and natural defenses of the harbor.

Third. The navy-yard is in a large city, which enables the Government to collect a suitable force of skilled workmen at short notice in case of emergency.

Fourth. Boston yard contains the only rope-walk for making the iron and hemp cordage used in the Navy. This has been established at great cost, and could not be dispensed with.

Fifth. The workshops, machinery, and buildings in the Boston yard are of the best character, and are the fruit of the patient labor of years. Instead of diminishing the importance of this station, its facili-

ties for doing work should be increased ; for, although a good establishment, it can scarcely be considered a first-class yard or to have within its borders all the requirements for fitting out fleets in time of war. The board recommend that if, through any unforeseen circumstance, the general work at this yard be temporarily suspended, the rope-walk should be kept in operation and a requisite number of men employed to make the necessary rope for the Navy, and that a sufficient force of officers and employ  s be kept attached to the station to guard the Government property and preserve from injury the valuable machinery with which the yard is supplied. The board recommend that under no circumstances shall work be entirely suspended at this navy-yard.

The subject of the naval station at New London, Conn., was then considered, and, after some discussion, the board adjourned.

WASHINGTON, D. C., *October 6, 1876.*

The board met at 2 p. m. All the members present.

It was decided that before taking further action on the subject of the New London station the board should visit the place and personally examine it, several of the members never having been there. The subject of the Brooklyn, N. Y., navy-yard was then considered and, after a lengthy discussion, the board unanimously decided that under no circumstances should the navy-yard at Brooklyn, N. Y., or any part thereof, be dispensed with or abandoned. In the judgment of the board, this is the most important navy-yard in the country, as regards geographical position, accessibility, facilities for performing work and for procuring at short notice any amount of skilled labor, opportunities for purchasing stores and material in the market of the commercial metropolis, the means for docking ships which exist along the water-front of East River, and the proximity to the machine-shops of New York in case of an emergency.

Several attempts have been made to transfer the Brooklyn yard from the position it has occupied for nearly three-quarters of a century, but every board that has had this matter under consideration has come to the conclusion that no other site affords the facilities of the present one. The Brooklyn yard has attained its present importance in spite of many obstacles, nothing like the amount of money necessary to make it thoroughly efficient having been appropriated from year to year for general improvement, nor have the public buildings been extended in accordance with the requirements of the service, nor have the low grounds which form a part of the public domain been reclaimed and utilized.

During our civil war a very large amount of work was accomplished at this yard. Since that time facilities have been considerably increased and additional buildings have been erected. Yet, although the necessities of the yard have from time to time been laid before Congress by several Secretaries of the Navy with an earnestness that should have insured success, their representations have been unheeded.

The present site of the Brooklyn yard was procured about the year 1808 at a reasonable cost, but since that time the land has become so valuable that the city authorities of Brooklyn have endeavored to obtain a cession of the property to that municipality, which would be greatly to the detriment of the Government, as the parties who have the matter in charge desire to obtain the land free of expense, or for a sum greatly below its value. There is a portion of the land between the naval hospital and the navy-yard proper at present unoccupied, which is rapidly being graded, without expense to the Government, by

the *débris* from the city of Brooklyn. This tract the citizens are very anxious the Government should alienate, but upon it have already been designated sites for buildings and docks, the necessity for which was so apparent during the civil war, when the yard was crowded with vessels, and it embraces a most important part of the water-front and channel, which would be made useless for naval purposes if occupied at all by private parties.

However important the possession of this land by the city of Brooklyn may be to its interests, its importance to the United States is much greater, and the necessities of the latter should be paramount to all other considerations. Every foot of land now owned by the Government in Brooklyn will be needed for naval purposes, and to alienate even temporarily any portion would interfere with proposed improvements for a term of years, at the end of which time the Government would find it difficult, if not impossible, to recover possession of its own.

Already good privileges have been granted the city by allowing a street for rail travel to be laid out through the navy-yard grounds, thus separating the yard proper from the hospital, and the board is of opinion that no further indulgence should be granted by the Government in this direction.

Near the navy-yard is a considerable tract, known as "Cob Dock," which was reclaimed from a mud-flat, originally existing on the edge of Wallabout Channel. This land has been gradually formed by mud taken from East River at little expense to the Government, but the tract is too important a position to be left in its present condition. It is proposed to make in the center of it a large basin for ships, at a cost of less than half a million, and this seems, in the opinion of the board, to be a necessity for the preservation of the Government vessels. The Wallabout Channel is narrow and affords no facilities for laying up numbers of ships of war. It is much obstructed when there is an unusual number of vessels at the yard. The board are of opinion that money should be liberally appropriated and judiciously expended on the "Cob Dock," on the navy-yard proper, and in reclaiming the adjacent land so as to utilize it without delay. Thus, in a few years, we would have in Brooklyn a complete naval dock-yard. Up to the present time the Brooklyn yard has cost approximately \$11,201,430.42, and we might work in vain for the same number of years to accumulate the same facilities in a yard placed elsewhere. Its great importance as one of the defenses of New York, its inaccessibility to an enemy, the facilities for supplying it with coal, iron, and material of all kinds, its proximity to the labor and workshops of the great metropolis, have established its undoubted superiority over all other navy-yards in the United States. Knowing the great advantages possessed by the Brooklyn yard, the board hope that Congress will duly appreciate them and grant from time to time the appropriations necessary to make it perfect in every respect.

After an arrangement to meet at New London, Conn., on the 10th instant, the board adjourned.

WASHINGTON, D. C., *October 30, 1876.*

The board met at 2 p. m. All the members present.

Having made a careful examination of the site of the naval station at New London, Conn., the board see no sufficient reason for retaining it; on the contrary, it is their opinion that it would be greatly to the advantage of the United States to dispense with and abandon it.

First. Because the site of the station is not at present secure against the heavy ordnance of the period, and the defenses of the city of New London, Conn., could offer little opposition to a fleet of iron-clads. The policy of to-day in selecting a naval station should be to place it beyond the reach of an enemy's fleet, whereas the station at New London is less than six miles from the mouth of the harbor, and an enemy's iron-clads could lie off the town and destroy the yard even were they prevented from ascending higher by obstructions placed in the channel. Besides, a yard in such a position would invite an attack upon the town of New London, where property much exceeding in value any naval station established there would be sacrificed. No objections can be raised to dispensing with or abandoning this place on the ground that the Government has made any considerable outlay here, for up to the present moment the total expenditure has been but \$90,000.

Second. It would cost a large amount of money to establish a navy-yard at New London, an expenditure that could not be justified when it is considered that our most important naval establishment, that at Brooklyn, N. Y., is only a few hours' sail, and there are two yards to the east of it. Half the amount that would be required to make a navy-yard at New London, if laid out in perfecting the yard at New York, would be far more advantageous to the Navy, and would confer upon our principal yard advantages which it sadly needs, and wanting which it cannot be considered a thoroughly efficient establishment. The site at New London is a mile in length with a breadth of only about two hundred yards, and it would require this width to be increased toward the channel about one hundred yards to give water enough for large ships to lie at the dock. To level the land and make the grade suitable for buildings, docks, slips, &c., and erecting a sea-wall would require no more than the ordinary expense, judging by the cost of the amount of work that has so far been performed, although high hills would have to be leveled to make the yard what it should be.

One of the reasons advanced for placing a navy-yard at New London was the advantage of having iron-clads lying in fresh water, where their bottoms would not become foul. This advantage does not exist at the point in question, for the bottoms and propellers of the vessels there are thickly incrustated with a mixture of barnacles and grass which can only be removed at great expense after docking the vessels. Salt water from Long Island Sound flows into the harbor of New London every flood-tide, and the fresh water of the river becomes salt at this point.

Third. Although there is sufficient depth from the mouth of the harbor to the navy-yard, yet there is not room enough for a vessel lying at anchor off the yard to swing, and difficulty might be experienced even in turning a long vessel on her center.

Fourth. There are no dry-docks or lifting-docks, except such as are suited for very small vessels, and to meet the demands for docking Government ships, very extensive works would have to be established.

Fifth. There is no certainty that the channel at the navy-yard would not fill up in the course of a few years, after the necessary extension of the grounds into the river channel, which is, on an average, about two hundred yards wide.

The river itself is sluggish, but the wharves and abutments would collect all the deposits and would cause continued dredging; the chances are also that for purposes of commerce the harbor would be injured. With regard to the defensibility of this position, some of the members of the board are of opinion that there is no serious objection on that score, as at the entrance of the harbor and along its shores are good

sites for forts, and the channel could be obstructed by torpedoes, &c., in such a manner as to prevent the entrance of an enemy. By the comparatively rapid and cheap method of constructing earthworks manned by heavy guns, it is considered the place could be made defensible. It would be of more benefit, however, to the Government to perfect the navy-yards it already possesses than to make a large outlay on a position of doubtful utility. Taking all things into consideration, the board are constrained to recommend that the naval station at New London be dispensed with and abandoned, and the land, docks, buildings, &c., be turned over to the Light-House Board to be used for their purpose.

The discussion of the naval station at League Island, Pa., was then commenced. During their visit to this place, the board made such examinations as they thought necessary. In the opinion of the board it should be the policy of the Government to maintain one large naval station, combining in itself the advantages and facilities of all the others. League Island was presented to the Government by the authorities of Philadelphia, who incurred considerable expense in purchasing the rights of other parties. The site was given with the understanding that a navy-yard would be established there, and acting upon the idea, the United States have already expended there the sum \$865,600. The time allowed the board for the examination and discussion of the several subjects confided to them was too limited to enable them to make a minute personal examination of League Island, which would involve actual surveys, measuring depths of soil, and devising plans for the future development of a great naval station, but they have availed themselves of the best information, which is fortunately very full and reliable, within their reach. The advantages of League Island have been fully discussed heretofore by persons well qualified to judge, and the opinion of the majority has favored the location of a navy-yard at this place. This consideration has materially influenced the board in coming to its conclusions, while at the same time they have not neglected such personal observations as time and circumstances would permit. Before expressing any opinion with regard to League Island, it will be well to briefly state the circumstances under which it came into the possession of the Government.

If the board have on this occasion entered more fully into details in reference to this location than they have in reference to other navy-yards, it is because of its importance, the large expenditures that will be necessary in the future in case it is retained, and the fact that most of the other naval stations are long-established institutions and little argument is needed to show their necessity.

It has long been the opinion of experienced naval officers that the country needs at some point a large establishment possessing all the requirements for building and preserving an iron-clad navy, such as will be suitable for the future wants of this great nation. With the exception of League Island, all our naval stations on the Atlantic coast are deficient in a fresh-water anchorage, one of the first requisites toward preserving iron vessels laid up in ordinary. They are besides deficient in dock-yard accommodations, including means for docking ships and constructional resources. Careful examination was made by order of the Navy Department of the fresh-water tributaries on our Atlantic coast, and in 1862 the authorities of Philadelphia were applied to in reference to obtaining a title for League Island. The result was the cession of the island and the waters of the back channel to the United States Government. It was determined to commence a naval establishment there as soon as the old Philadelphia yard could be sold. The latter, although

very useful during the late civil war, was an unsuitable site for naval purposes, being too small in area and too near commercial buildings of an inflammable character.

At the close of the war the use of League Island became very apparent. The Government possessed a considerable number of iron-clads which required to be laid up in fresh water and secure from floating ice. These vessels were, therefore, sent to the new station, and remained there, with little, if any, deterioration, until required for service. Besides the back waters at League Island, a supplementary act of the city of Philadelphia gave to the United States Government the means of obtaining "ownership and sovereignty over all the north shore and adjacent land, so far as the Government of the United States may require."

The authorities of Philadelphia have behaved in this matter with great liberality, incurring considerable expense in carrying out the wishes of the General Government; for, although the establishment of a navy-yard on a large scale would be, in some respects, very advantageous to Philadelphia, yet it would seem that, in a commercial point of view, the value of League Island to the city is much greater than any naval establishment could possibly be. The land all along the river-front is rapidly increasing in value, and the loss of League Island will in course of time be seriously felt by the commerce of Philadelphia. The railroads are extending their tracks toward the river, and a great railroad is advancing from the foot of Hanover street to its present tracks north of Dock street, a distance of $1\frac{1}{2}$ miles, and from Dock street south to Greenwich Point, $3\frac{1}{2}$ miles. This covers a large portion of the river-front, and excludes, at the will of this giant corporation, the increasing commerce of the city. With five miles of river-frontage held by a great railroad corporation, League Island becomes still more valuable to the city for commercial purposes, and shows that Philadelphia could not have been influenced by mercenary motives in donating League Island to the Government, for its wise men must have foreseen the future importance of this place to commerce.

Discussions have already taken place in the city councils of Philadelphia and in the columns of the press with regard to the retrocession of the island to the city, on the plea of promoting its commercial interests; and it is assumed by disinterested parties that the city councils will be urged to convey the ownership of League Island to the great corporation in question. In this event, its tracks would be extended from Greenwich Point to the island, a distance of three and a half miles, and it would then control $8\frac{1}{2}$ miles of Delaware River.

In this connection it may be pertinent to remark that about May 17, 1876, the Committee on Naval Affairs of the United States House of Representatives reported a bill to abandon League Island yard, and this was the cause of Mr. Randall's introducing the resolution establishing the present commission to examine into the subject. Specious arguments were adduced by a portion of the press to favor the proposed abandonment, on the ground that it would require a fabulous sum of money to reclaim and make the lands tenable—that the place is unhealthy and unfit for human habitation, and that the Government would save by establishing a station at Gloucester, or some other point on the Jersey shore contiguous to Philadelphia. By this arrangement, while the city was to enjoy all the advantages of a navy-yard, the interests of the Government at League Island were to be sacrificed with no compensation whatever for the money already spent there according to the extensive plans laid out for the future. However, the Government must

always expect to encounter opposition in the establishment of a navy-yard, where it may conflict with the interests of trade, for, notwithstanding the absolute necessity of efficient naval stations for the protection of commerce and commercial cities, the community are generally ready to sacrifice the interests of the Government to their own particular benefit. The scheme to turn League Island to commercial account and to annex it to the old navy-yard, Greenwich Point, Washington street terminus, Hanover street acquisition, &c., is a grand and lucrative idea, well calculated to awaken the cupidity of speculators, who never consider the interests of the country or regard any rights that stand in the way of their investments. Fortunately, the Government has not expended such an amount at League Island as to entail severe loss, in case the site is abandoned; at the same time the expenditure has been sufficiently large to render it the part of wisdom to have the question of retention or abandonment definitely settled before another dollar is spent on the work.

No doubt League Island is a very eligible situation for a navy-yard, possessing perhaps even greater advantages than the one in Brooklyn, N. Y. It is contiguous to a large city, where plenty of skilled labor can be procured at will, where stores of all kinds can be obtained at short notice.

The island is within easy reach of the great coal and iron mines of Pennsylvania, and while the navy-yard was in course of construction access could be had to the great shops along the Delaware for such pieces of steam machinery as the yard could not supply.

Any amount of pure, fresh water could be conveyed in pipes from the river Schuylkill at a moderate outlay; an inestimable advantage to a navy-yard. The defensible portion of League Island is well established, and no further outlay in that direction is required; the fortifications on the Delaware are, or could be made, ample for the protection of the naval station; no enemy could reach Philadelphia if the defenses were properly armed and manned.

Since the introduction of steam-vessels in war the policy in establishing navy-yards has changed, and it is considered wise to place them as far as possible from the sea. These places our own vessels would have no difficulty in reaching under steam, while an enemy would be harassed at every step by guns, obstructions, submarine mines, &c., making his progress hazardous, if not impossible. This is a very strong point in the selection of a site for a navy-yard, and is one in which several of our yards are deficient.

In 1862 it became evident that we required one great naval station that could build the largest iron-clads and the heaviest machinery, since no private establishment can be expected to contain within itself all the necessary appliances for constructing great ships of war.

It was found that by employing private individuals to build iron-clads the expense was much greater than if the Government had built them. Heavy iron beams, shafting, and plates could only be procured from one or two parties, and from them in but limited quantities and with great delay. Were we at any time to become involved in war with a great naval power, we could hardly defend ourselves, much less assume the offensive, for want of means to build and repair ships. The difficulties are much greater than they were in 1865. Then we could only roll out at private establishments 3-inch iron plates. Individuals have no use for the various kinds of iron required by the Navy, and there must be an immense outlay on their part in making the necessary preparation to

execute Government work, which, as a matter of course, must be added to the expense of building our iron-clads.

In a war like that through which we lately passed a very considerable portion of an iron ship could be procured at the ordinary private establishments; but in a war where we would have to compete with the navies of the great European powers, we should be obliged to build such large and expensive structures that the work could only be performed by a properly-organized Government establishment, unless we wish to be exposed to great imposition and to risk having inferior vessels. So rapidly has the science of building heavy iron war-vessels advanced in Europe, that we have been left far in the rear for want of the means by which other nations have arrived at such perfection in naval architecture and ordnance.

One of the greatest difficulties under which our Navy has labored is the want of a settled policy with regard to navy-yards and the class of vessels to be constructed. We could evidently establish no practical system for building the necessary iron-clads for want of means in even a single yard for doing the work. Considering all these things, the liberal and intelligent plans devised for the improvement of League Island must meet with approval from experienced naval officers, even although some objectionable features undoubtedly exist in the location of this site for a navy-yard.

We propose to mention the disadvantages as well as the advantages of League Island. The great objections are "its alluvial soil and the cost of raising the surface to a proper grade, the depth it will be necessary to penetrate before reaching a proper foundation, and the expense of piling on which to erect superstructures."

League Island is a reclaimed marsh, and only at a depth of from 25 to 56 feet can gravel be found to sustain piles, and no structures can be built without piling.

This latter objection partly exists at the Boston, Brooklyn, Norfolk, and Pensacola navy-yards, and no difficulty has been encountered in erecting substantial structures there.

There is, however, a difference of opinion with regard to the depth of the alluvial soil of League Island.

The report of an officer of the Coast Survey, who is said to have made careful borings in every part of the island, is favorable. He reports the surface soil only about $3\frac{1}{2}$ feet deep, with an average depth below this of from 25 to 26 feet fine sand and clay all over the island. The board have not seen the report alluded to, but rely principally on the report of a board of civil engineers, of which Mr. W. S. P. Sanger was the president, dated April 26, 1873.

This document states as follows :

The borings show that at the western end of the island the depth from the surface of the meadow to hard bottom is 55 feet, and that this depth gradually decreases toward the eastern end. The original foundation, which is a hard, firm, and compact gravel, is covered by an alluvial deposit varying in depth from 20 to 55 feet, and of a consistency which will not of itself afford good foundations for heavy structures. The firm bottom is too low to admit of excavations for foundations, and it must therefore be reached by piling, and, consequently, in the preparation of all foundations piling must be resorted to. With this assistance, we entertain no doubt that firm and substantial foundations, capable of sustaining any weight that may be imposed upon them, can be obtained.

This board of civil engineers claim to have carefully examined the island and procured all necessary information before proceeding to construct any public buildings. They had the proper facilities, and we therefore assume that their report is correct. The next objection to League Island is the difficulty of building dry-docks, which can only be

constructed at great expense; but this difficulty is overcome in the plans of the civil engineers, who propose a system of floating-docks, combined with shallow basins and rail-tracks for raising ships and taking them on shore. This plan they assume to be the most economical, easiest of construction, and affording the greatest facilities for repairing the largest number of vessels at one time. In this latter respect one or two floating-docks and shallow basins have great advantages over a stone dock, and the floating-docks, if built of iron, would last many years in fresh water.

This plan has one great advantage; the difficulty of launching long iron ships without straining them is excessive, but by means of a floating-dock the longest vessel can be lowered into the water without resorting to the dangerous process of launching. Another advantage over a dry-dock is that monitors, not likely to be wanted in time of peace, can be kept in a perfect state of preservation on shore, ready at a moment's notice to be put afloat.

Objections are made to League Island on account of the Delaware River freezing over in winter, and rendering navigation difficult. At the close of severe winters large bodies of ice are deflected from the Jersey shore, and carried with violence by the strong current on League Island, endangering vessels in that vicinity.

Vessels have been lying for several years at the old wharf at League Island and, with proper precautions, have received no injury; and the fact that it is proposed to have basins, inclosed with solid stone walls, wherein ships may lie, partly disposes of this objection. It is true that the ice in winter does run very strong, rendering the ascent of the Delaware somewhat difficult; but, in this age of steam, ships can force their way through large bodies of floating ice, and even when the river freezes over the ice-boats seldom allow navigation to be interrupted. This objection of floating ice applies, although perhaps in a less degree, to the Kittery, Boston, and Brooklyn navy-yards.

Objections have been made that there are no habitations for mechanics and laborers near the League Island station; that the distance from the city is so great that workmen would have too far to go, &c.

League Island is within the corporate limits of Philadelphia, now built up to within two miles of the yard, and railroads will extend to the island from all directions long before the place is made suitable for naval purposes. Many persons employed in the machine-shops of Philadelphia live at long distances from their places of work, high rents driving operatives even beyond the suburbs. The workmen employed in the old Philadelphia navy-yard, many of them, used the cars to get to and from their residences. If League Island is retained as a naval station, the building of small tenements for workmen will soon take place. Objections have been made that League Island is, and, always will be, unhealthy, as it is nearly surrounded by marshes, which at low-water are exposed to the sun, but the records of health do not sustain these objections as regards the vicinity of the island; and, when the latter is filled in or drained there is no reason to suppose that it will not be equally salubrious with the adjacent shores. The greatest of all objections to League Island is the expense that must necessarily be incurred to grade the surface and carry out the plans of the civil engineers. It must be remembered that these plans provide fully for the future wants of the country and place it in a condition to meet any emergency of war.

A great defect in laying out our other navy-yards has been that little consideration was given to the future requirements of the Navy, and the yards have accordingly been built up just as circumstances at the moment might suggest. Owing to the great defects in the arrange-

ments of the several stations it has become absolutely necessary for the United States to establish, near a great city, a naval station that will meet the demands of an iron-built navy. Several locations on the New Jersey side of the river might have been selected without the objection of their having to be filled in, but this would be the only advantage over the present site, and the fact that the latter is on an island is a very desirable feature, as it gives a large water-front to a given area of surface; prevents robbery of Government property, or destruction by fire; affords access to a great city by rail; is easily supplied with fresh water, &c. Any location would require a good deal of grading, and this can be readily effected at League Island by dredging the back channel, and placing the mud taken from it upon the island, using also the earth taken from the channels and basins which it may be necessary from time to time to construct.

It is not intended that the work on this island shall be done in a hurry—it will be the labor of years—and it is proposed that a certain amount shall be annually expended until the whole is complete.

In this way a perfect naval dock-yard will be built up capable of constructing iron ships of war and steam-machinery without assistance from outside workshops. In case we should become involved in war before the completion of the yard, we could obtain the aid of the great workshops of Philadelphia to build and repair steam-machinery.

The objection to the cost of grading League Island might be applied to any other site. The grading would cost quite as much if the island were solid rock, for boring and blasting are more expensive than filling in.

The board have examined the plans of the civil engineers for the improvement of League Island, and find them made on a scale which, while it might deter some of our legislators from voting the necessary money to carry on the work, shows that they have a proper appreciation of the future necessities of the country.

The board would take this occasion to say that, in view of the report that certain parties are working for the retrocession of League Island to Philadelphia, this matter should be forever settled before incurring further expense. About 35 acres have already been raised to a height of say four feet above water, and the foundation for several buildings commenced according to the plans proposed, but there are no facilities for building or repairing vessels or steam-machinery, and it would be a waste of money to try and repair vessels there until the plans are more fully carried out. The present navy-yards are quite capable of repairing the small number of vessels employed in service.

The board are compelled to admit that if all the plans are carried out, there will, in the course of years, be a much larger amount of money expended at League Island than at any other navy-yard, but the Government will possess in return for its outlay what it has not at present—a first-class naval station equal to any dock-yard in Europe.

According to the report of the board of civil engineers, the Government territory at League Island consists of area within dikes, 410 acres; area between banks of back channel, 305 acres; area between back channel and Government avenue, 37 acres; area outside dikes to wharf-line, 170 acres; making, in the aggregate, about 922 acres. "The surface of this land between the dikes is about $3\frac{1}{2}$ feet below high-water mark, and, but for dikes, would be overflowed at ordinary high tide."

Surveys show that opposite the western end of the island, and for two-thirds of its length, there is ample depth of water for naval purposes, though at a considerable distance from the present shore-line.

It is proposed to build quay-walls all along this shoal water during course of years, and to remove the mud from the inside and make wet basins. Whether this will prevent accumulation outside the quay-wall the board are not prepared to say, nor are they prepared to indorse the plan, but it is a question to be well considered by the most skillful engineers. The expense attending this great undertaking can be estimated within a few thousand dollars, and it is advisable that proper estimates be made without delay. For further information on this subject, we beg leave to refer to the above-mentioned report of the board of civil engineers, which seems full and intelligent, and on the whole favorable to a continuance of the work at League Island.

To enable the Navy Department to bring League Island up to the capacity of the late Philadelphia navy-yard, there was required in 1866 an immediate outlay, as follows:

Bureau Construction and Repair.....	\$1,887.50
Bureau Steam-Engineering.....	345.00
Bureau Equipment and Recruiting.....	20.00
Bureau Ordnance.....	165.00
Bureau Provisions and Clothing.....	115.00
Dredging, filling in, and preparing the surface and forming wet-basin near foot of Broad street.....	350.00

All these sums should be appropriated as soon as possible, for the degree of economy with which public works can be constructed greatly depends on the certainty with which the means are supplied. Our navy yards have cost considerably more than would have been the case had the progress of the work not been interrupted, particularly at the commencement of operations, where foundations are left exposed to the action of the water and weather.

The reports of Mr. Secretary Welles offer strong arguments in favor of building up League Island yard, particularly those of March 25, 1862, December 1, 1862, December 7, 1863, May 9, 1864, December 5, 1864, December 4, 1865, March 6, 1866. The letter of Assistant Secretary Fox, of February 21, 1866, on the same subject, may also be mentioned, also report of the board of officers of the Navy, Army, and Coast Survey, of which Rear-Admiral Davis was president, a copy of which is annexed to these proceedings.

These documents embrace about all that can be said in favor of League Island, and the board could offer no better reasons or adduce any additional arguments on the subject; they therefore recommend that League Island be not abandoned or dispensed with.

The board believe that a retrocession of the island to Philadelphia will be attempted, owing to the great commercial advantages of the place; but as this matter rests entirely in the hands of the Government which can at any moment put a stop to such a movement, by asserting that the interests of the nation are paramount to all other considerations, the board see no reason for modifying their recommendation.

The subject of the Washington navy-yard was then taken up, and after consideration, the board adjourned.

WASHINGTON, D. C., October 31, 1876.

The board met at 1 p. m. All the members present.

The consideration of the navy-yard at Washington was resumed, and the board unanimously agreed that the said navy-yard ought not to be dispensed with or abandoned.

The Washington yard constitutes one of the main defenses of the national capital, and in the event of a war its absence would be severely felt. During our several experiences this navy-yard proved of great value, not only as a national defense, but in supplying our vessels of war with ordnance material.

The station was established at great expense, the buildings and quay-walls alone having cost the Government \$4,122,196. It has within its limits a large amount of the best machinery of all kinds, and the largest marine engines have been constructed here. Here are made the large anchors and chains for the Navy, galleys for ships of war, iron gun carriages, boat-howitzers, and castings of all descriptions in iron and bronze.

At Washington we have the only copper-rolling machinery, and it supplies the largest portion of the copper bolts and sheathing used in the Navy. In short, the yard contains all that is necessary to equip iron vessels of war.

The loss of this navy-yard would be a serious matter. Being directly under the eye of the Navy Department, it has always been considered the most economical and best-conducted yard in the country. The different bureaus of the Navy Department have derived great advantages from the location of a naval station at the seat of Government, as it enables them to carry on experiments under their own immediate supervision, and to personally inspect material before it leaves the yard. In case of a war between the United States and a naval power, one of the first objects of the enemy would be to reach our capital, and history reminds us that a small force of foreign ships of war once ascended the Potomac to Alexandria, co-operating with the army that destroyed the public buildings at Washington.

The Washington yard offers safe anchorage for a number of iron-clads of the monitor class, and in case of war would be the only place south of Philadelphia to which they could resort to lie up in fresh water. In many respects it is a most important naval position. It bars the way to the capital by the iron-clads that would here assemble in event of hostilities. The Potomac could be well defended by iron clads, forts, and torpedoes, and the naval forces could be supplied with coal, provisions, and stores by inland routes. Iron-clads could suddenly attack enemy's vessels ascending Chesapeake Bay, and in case of necessity retreat safely to the Potomac. Our aim as a nation should be first to protect ourselves; therefore we should wisely maintain the most effective naval positions, one of the best of which is the Washington yard, which should be used exclusively for manufacturing purposes.

As matters now stand, there would be no difficulty in assembling our entire force of iron-clads near the navy-yard in case the capital is threatened.

The Potomac River rarely freezes over completely. It is believed that the winter climate is gradually growing milder, and that even in the severest weather the steamboats on the river could keep the navigation open.

The expense of maintaining the Washington navy-yard for the general wants of our small Navy is moderate in time of peace, and the work performed here could not be done elsewhere at so reasonable a cost, especially by private parties.

Late experience has shown that we need every particle of machinery in our navy-yards, for it was frequently kept running night and day. We could not well dispense with any of the valuable machinery of the Washington yard. To remove a portion of it would make the system incomplete, for it has required the labor of years to bring it to its pres-

ent perfection, together with a persistent application to Congress, which body can hardly be expected to appreciate the multitudinous requirements of an efficient naval station. It would be far better to retain all the machinery of this yard where it is than to run the risk of removing any portion of it. If similar machinery is needed elsewhere, it would be better to supply the deficiency by purchase.

The board are wholly unable to see any good reason for abandoning or dispensing with the Washington yard, but, on the contrary, are of opinion that it would be advantageous to the Government to enlarge it. It has always been valuable, has saved the capital once, and may do so again. Even if it were no longer required, the yard could not be disposed of to advantage, and if given up its loss would soon be felt by the Government, and in fact it could not be remedied.

In reference to the Norfolk, Va., navy-yard, it may be said that its site is the best of any of the naval stations. It was selected many years ago by very practical officers, who appear to have fully realized all its advantages, among which are its inaccessibility to an enemy. Notwithstanding the introduction of steam vessels of war, and the increase in size and range of modern ordnance, Norfolk yard maintains this advantage to as great a degree as when originally located.

This navy-yard is superior in some respects to that at Brooklyn, N. Y.; one of these is its mild climate, which enables workmen to labor in the open air throughout the year.

Norfolk and Portsmouth, Va., contain a sufficient number of mechanics to supply all demands of the yard, and, so far, no difficulty has been experienced in obtaining workmen. This must always be an important consideration in locating a navy-yard, for if placed far from large towns they are of comparative little benefit to the Government.

Norfolk yard was partially destroyed, and has never been fully restored to its former condition, although it is even now competent to perform a large amount of work. The advantages of Norfolk are such that this yard will ultimately become one of our most important naval stations, and, unlike the northern yards, its area can be increased to meet all the demands of the Government that may arise.

It has been the opinion of several boards of officers, and of the successive commandants of this yard, that important additions of territory should be made while a favorable opportunity exists, and before the land advances in value, as it must do in the course of time.

The board therefore recommend that there be purchased all the waterfront on both sides of Elizabeth River, including Gosport bridge, also west through North Creek to its head; thence through Back Creek by Elizabeth River to the southern line of the navy-yard. By this addition of territory the navy-yard would form an island of about three hundred acres, an area none too large for naval purposes.

The Norfolk yard is a strong defensive position, and may be said to command Chesapeake Bay and the approaches to Baltimore and Washington. The approach to the yard is protected by the great forts at Hampton Roads and by Craney Island, a strong position if properly fortified, which could be done in a short time, by mounting heavy guns protected by earth-works.

The navy-yard is very deficient in many essential particulars, for instance in its want of facilities for docking ships. New York with its great commerce requires and provides a number of docks of various kinds on which our Navy could depend in time war, but this advantage does not exist in Norfolk, where the Government will have to provide docks of its own. The board therefore recommend that one floating dock be pro-

vided for Norfolk, with rail-tracks to land vessels on the shore, as proposed at League Island. There should also be built another stone dock, longer than the present one. There cannot be too many docks in a navy-yard, and we have therefore felt our deficiency in this respect very much.

There is also required a quay-wall of granite, corrugated-iron ship-houses, launching-ways, quarters for officers—indeed many things are indispensable to make this a first-class yard. Norfolk must always be, as it has always been, the rendezvous for our vessels coming from the West Indies for repairs and sanitary purposes. The estimated amount for the necessary structures to make this yard efficient for the present is about \$256,000, which, considering the usefulness of the place, is a very moderate sum.

The place called Saint Helena, opposite the yard has had little done to it since it came into our possession. The improvement of this piece of ground ought to be carried on rapidly, according to some well considered plan, which should include filling the marsh to the level of the upland, and building a quay-wall of granite, as well as an interior wall, separating Government from private property.

In fact, this valuable naval site requires the fostering care of the Government to make it the most important naval dock-yard of the United States.

The matter of the navy-yard at Pensacola, Fla., was then discussed. Since the introduction of iron-clad vessels and long-range ordnance, it has been objected to this navy-yard that it is within reach of an enemy's guns. It is also urged that Pensacola is unhealthy and subject to the ravages of yellow fever. These objections undoubtedly exist in a measure, but in the case of sickness it has been found that strict quarantine will prevent the introduction of disease. Yellow fever is generally brought in merchant-vessels, and does not always arise from local causes. It is true that the yard is within reach of an enemy's shot, but there are positions where strong earth-works could be thrown up, which, mounted with heavy guns, would remedy this defect. The harbor of Pensacola is superior to any other on our southern coast, except Port Royal, and could afford anchorage and protection to any number of vessels, and is the best site that could be selected for a navy-yard in the Gulf.

In 1862 Pensacola yard was destroyed, nothing of value remaining, except the quay-walls and the basin for the dry-dock. It has, however, been partially restored, and offers equal or greater facilities for repairing steam-machinery than in 1861. It is deficient in facilities for construction.

Even in its present condition, it serves a most useful purpose for fitting out vessels putting in there from the Gulf of Mexico, and it proved of good value during the Mexican war.

As regards invulnerability, if we have a superior naval force we can always defend it against a maritime enemy.

Its liability to yellow fever is no greater, probably not so great, as that of other ports on the southern coast.

To dispose of the yard would be to throw it away, for no one but the Government could possibly want it.

The board therefore recommend that the Pensacola navy-yard should not be abandoned or dispensed with, but that it be restored to its former condition, with the addition of an iron floating-dock to suit the basin at present existing.

One great advantage of this navy-yard is, that in case we should re-

quire to lay up a fleet of monitors in the Gulf, by means of a floating dock and the present basin, the vessels could be hauled out of water and kept in a complete state of preservation, and at short notice could be launched ready for service.

The subject of the navy-yard at Mare Island, California, was taken up, and, after discussion, it was unanimously resolved by the board that the yard should not be dispensed with or abandoned.

Mare Island navy-yard is destined in the future to become equal in importance to the stations at New York and Norfolk. It is the only navy-yard we are likely to have for many years to come on the Pacific coast, and we must necessarily use it to fit out and repair the vessels of the north and south Pacific, and the Asiatic squadrons.

This navy-yard is being built upon an excellent plan, and with the proposed additions from year to year, and a wise liberality on the part of Congress, it will meet the requirements of the service. Our commerce in the Pacific is gradually extending by means of steam-liners from California to Oregon, Washington Territory, Alaska, Australia, the East Indies, Pacific Islands, and South America.

A large portion of the China trade that formerly passed around Cape Horn now reaches us via San Francisco.

In time of war, the commerce of the Pacific would require protection, and we could only maintain an effective force of steam vessels of war by having a large naval station at the present site, fitted with all the necessary appliances. Without such a station our naval vessels in the Pacific would soon become inefficient for want of means to keep them in repair.

In the days of sailing-vessels, it was possible to maintain ships of war in the Pacific, though at great inconvenience, without the aid of a navy-yard, but the introduction of steam has rendered it indispensable that we should have the same facilities in that quarter for equipping and repairing ships and machinery that we possess on the Atlantic coast.

To statesmen who appreciate the necessity of every means for protecting commerce, no argument is necessary to show the value of the Mare Island navy-yard, and the importance of rapidly improving it, so as to bring it to an equality with the yard at Brooklyn, N. Y.

The many advantages of Mare Island as a naval station have been fully set forth in the several reports of official boards which have from time to time been appointed to consider the subject, but the yard needs the fostering care of the Government to bring it to its proper standard.

The board would therefore recommend that a judicious liberality be extended by Congress and the Navy Department toward this yard, so that in case of difficulties with a foreign power it would meet the demands of the Navy in the Pacific.

The board find that in addition to the naval stations the Government owns the following naval property:

Three and a half acres at Sacket's Harbor, New York. On this is erected the frame of the New Orleans line-of-battle ship, put up during the last war with England. The frame was put together in thirty days, was housed over, has stood in the same condition ever since, and will not likely be of any use. The expense to the Government in looking after this place is about \$900 per annum, and so far it has cost the Government \$40,651.73 for site and improvements.

Taking into consideration the fact that this place may be useful to the Government at a future day, and that the cost of keeping it is a mere trifle, the board recommend that it be retained until the Government can dispose of the ship and land to advantage.

The Government owns a piece of land on the Mississippi River, opposite New Orleans, said to contain about twenty acres. It has been used for a coal-depot and for laying up iron-clads.

This property can be of little use to the Government, and the board recommend that it be sold. It cost \$15,000.

There is also a piece of property at Key West, including a wharf for coaling, owned by the United States. It has cost the Government \$53,000 for improvements.

This depot serves a very useful purpose for our naval vessels resorting to Key West, and the board therefore recommend that it be retained.

The board also recommend that \$19,000 be appropriated to be immediately available for repairs to store-houses, and much-needed repairs to coal-wharf.

Adjourned.

WASHINGTON, D. C., *November 1, 1876.*

The board met at 2 p. m., all the members present, and after a brief session adjourned.

The board embarked at Washington on the 22d November, 1876, in the United States steamer Tallapoosa, and proceeded south to ascertain by personal observation what positions could be selected for a naval station on the coast of South Carolina or Georgia.

The Tallapoosa stopped first at Port Royal, S. C. This harbor is well known to naval officers, and its value as a naval station has been appreciated since 1861, when it was first occupied by our naval forces, and it was found to be the only harbor between Norfolk and Key West that would afford shelter to our largest ships of war, and where a naval station possessing most of the requirements could be established for refitting and replenishing our squadrons.

Port Royal is very easy of access; its channel, leading into the harbor or bay, offers sufficient depth of water for our largest vessels, and the bay and its tributaries could afford anchorage for the largest navy.

Soon after the occupation of Port Royal by Rear-Admiral Dupont its importance was recognized, and depots for coal and provisions and temporary machine-shops were established for the use of our naval forces, and Port Royal was continued as a naval-station until 1865, when it was broken up, our small Navy not requiring more navy-yards than those recommended by the board to be kept in commission.

Without doubt there are some excellent locations for a naval station to be found either in Port Royal Bay or Beaufort River, on Broad River, or on Colleton or Chechessee Rivers, but the limited time of the board did not permit them to make minute surveys. They availed themselves of information furnished by the naval officers stationed at Port Royal, secured the services of the best local pilots, and proceeded in the steamer up the several tributaries as far as their judgment deemed necessary.

In selecting a site for a navy-yard or station there are many important matters to be taken into consideration :

First. A minute and correct hydrographical survey should be made, for although the charts are no doubt correct and serve perfectly well for navigating the streams and rivers, yet they are not sufficiently minute in all cases for the purpose of locating a navy-yard.

Second. The ground should be examined and surveyed by an experienced civil engineer to ascertain whether the place contains within itself all the necessary requirements for a navy-yard, places for vessels to lie close to the land, depth and length of water for them to lie and swing in, good locations for dry-docks and wet-basins, good foundation for public buildings, or ground that could be successfully piled, stream of water that could be utilized for navy-yard purposes; or, if there are no streams, whether wells or reservoirs could be dug and a sufficiency of fresh water procured; what difficulties exist in regard to building wharves and quay-walls, and if such structures would tend to fill in the channel leading to the yard.

There are a number of minor considerations which have to be carefully looked into before determining on any site for a navy-yard. In fact, there should be a board consisting of line officers, a civil engineer, a chief of steam-engineering, a naval constructor, and a medical officer with such experts as may be required to decide finally on the eligibility of any position.

The board have not the requisite information for deciding upon any site that might suit in the future, therefore could recommend none in particular. While considering the subject, it is just as well to mention the disadvantages which exist in relation to Port Royal.

First. There is the absence of a great commercial city, which always affords any number of competent mechanics of all kinds for the uses of a navy-yard. Difficulties would occur in procuring mechanics at short notice, as only a small number of such men, and those certain of permanent employment, would locate near a navy-yard in that quarter. It is true that Charleston and Savannah, to the north and south of Port Royal, might supply a limited number of workmen, who could be speedily conveyed by rail or inland-water communication.

Second. The Government would be obliged to depend entirely on its own resources, and to build permanent and floating docks, which are only to be found in numbers in New York, Boston, and Philadelphia, and a navy-yard here would experience all the inconveniences inseparable from the absence of a large city where almost anything can be procured at a moment's notice. A naval station can, however, be made somewhat independent of a large city in respect to stores by keeping a supply on hand.

There is a railroad from the north and south running within a short distance of several good localities, which might be continued to the navy-yard itself, should the latter be established at Port Royal.

Having mentioned the principal advantages and disadvantages of Port Royal for a naval station, the board beg leave to give as a reason for not at *present* establishing a navy-yard at this place, whatever may be done in the future, that we have now a sufficient number of yards for the small naval force it seems to be the policy of the Government to keep up, which yards are very defective in some of the essentials necessary to make them fully efficient. Before proceeding to increase the number of unfinished stations, it would be better to complete those we already have. At the same time we think it wise to use Port Royal as a harbor of refuge and a temporary refitting place for our West India and Home Squadrons, where the ships can resort during the sickly season of the West Indies, and where they would find among the islands a salubrious climate.

There is a large interval between Norfolk and Pensacola of 1,400 miles, while the longest distance between any two northern navy-yards, Brooklyn and Norfolk, is not more than 250 miles. Port Royal is about

480 miles from Norfolk, 960 from Pensacola, and 450 from Key West. It would appear from this that the defenses of the southern coast had been somewhat neglected.

As regards communication with the West Indies, Port Royal is 480 miles nearer to the Bahama Islands than Pensacola, and the distance of the two places from Havana is about the same. As a point to communicate with the Windward Islands, Port Royal has the advantage, while Pensacola seems to be a necessity for the protection of our interests in the Gulf of Mexico. Port Royal must in the future become a most important station on our South Atlantic coast. The board are of opinion that accurate surveys should be made of the sites which seem to offer the greatest advantages by a board of competent officers, as above mentioned, that the Government may use the position selected in case of a sudden emergency.

In selecting a site for an navy-yard, the policy of the Government should be to occupy a position beyond the reach of the enemy's longest-range guns, and to have the approaches defended by fortifications which the enemy would not attempt to pass. This being acknowledged, a navy-yard at Port Royal should be established as far from the sea as prudence would dictate, and before any structures were commenced the harbor should be defended by an impassable chain of forts, otherwise a navy-yard there would be useless to us in time of war, as it would be liable to seizure by an enemy of superior naval force.

At present there is not a gun mounted on shore or any apparent prospect of fortifications being built. This circumstance should prevent any immediate action toward locating any permanent naval establishment, if no other reasons existed.

After a satisfactory examination of Port Royal Bay and its tributaries, the board proceeded, in the Tallapoosa, through Callibogue Sound to the outer roads of Savannah, where the vessel laid some time aground. It was quite evident, from a general observation and consultation of charts, that neither Cockspur nor Tybee Islands offer any of the requirements of a naval station. The first requisite is depth of water at all times by which our heaviest-draught vessels can enter when requiring immediate repairs or provisions, or to escape from an enemy of superior force. Vessels of war drawing over 16 feet of water cannot pass the buoy bearing northwest from Tybee light at low-water, and our heaviest-draught vessels could not be taken as far as the light-vessel on Tybee knoll at the highest tides.

No other reasons need be given for making an adverse report with regard to establishing a naval station at either Cockspur or Tybee Island, for the objections stated are paramount. The board, therefore, are of opinion that for naval purposes both the above-mentioned places are not to be considered.

Having satisfied themselves that there were insurmountable objections to Cockspur and Tybee Islands as naval stations, the board proceeded to Brunswick, Ga., where the Government owns a piece of ground containing 1,100 acres, on Blythe Island, for which they paid some years ago \$130,000. The entrance through the channel into Brunswick Harbor for vessels drawing 16 feet of water is not difficult, and any one having ordinary knowledge of charts can enter by the aid of the buoys, without a pilot. This, however, can only be done at high water, the channel at low tide affording but 15 feet, and upon several lumps in the fair-way but 13 feet. The mean rise and fall of tides is 6 feet 8 inches, which would give but a depth of 19 feet 6 inches of water in the best channel, say 21 feet at the best tides. This at once renders Brunswick

Harbor ineligible as a naval station, for our largest vessels could not enter there at all, and the smaller ones would find a difficulty in entering at low water or when there was a heavy sea running. After entering the harbor the water deepens to 5 or 6 fathoms, and so continues up to Blythe Island, through a very narrow channel. The least water shown by a Coast-Survey chart is $3\frac{1}{4}$ fathoms at low water.

The Government owns the southern end of Blythe Island, which is, without doubt, the worst part of it, being a large tract of marsh, while access to the fast-land is debarred by a mud-flat, extending about 300 feet into the river, and on which the Tallapoosa grounded, the lead showing at the bow only 6 feet water. There was evidently about 3 feet of mud, as the vessel drew 9 feet forward.

Even if a vessel of moderate draught of water could get over the bar, she would have difficulty in ascending the river, owing to shoal spots off the lower end of Blythe Island, where the channel is very narrow. Nature came very near making this a good situation for a navy-yard, but failed, which is to be regretted, as the place is capable of being well fortified, one of the greatest requisites in establishing a yard.

The board have to recommend that the public property at Brunswick, Ga., be abandoned and dispensed with, to be sold on the best terms that can be made for it.

Having nothing further to examine South, the board returned in the Tallapoosa to Port Royal, and having no further use for the vessel, although they could not have performed the duty assigned them without her, they returned, by rail, to Washington, D. C.

WASHINGTON, D. C., *December 4, 1876.*

The board met at 2 p. m. All the members present.

A considerable time was spent in discussing the particulars of their report; after which the board adjourned.

WASHINGTON, D. C., *December 5, 1876.*

The board met at 2 p. m. All the members present.

The minutes of proceedings and the report of the board were discussed and adopted; after which the board adjourned *sine die*.

Very respectfully submitted.

DAVID D. PORTER, *Admiral.*
S. C. ROWAN, *Vice-Admiral.*
C. H. DAVIS, *Rear-Admiral.*
J. W. KING, *Chief Engineer.*
J. W. EASBY, *Naval Constructor.*

Report of the board of officers appointed to consider the propriety of accepting League Island, &c., for naval purposes.

WASHINGTON, *11th April, 1867.*

SIR: The board appointed by the President of the United States, under authority of an act of Congress approved February 18, 1867, to consider the propriety of accepting League Island and adjacent property and rights from the city of Philadelphia for naval purposes, has the honor to submit the following report:

The board has read with scrupulous attention the several reports and opinions on the subject of League Island and its suitableness for naval purposes, proceeding from commissions

of inquiry or from other official authorities ; it has given a respectful and careful deliberation to the most prominent of the controversial pamphlets written on this subject ; it has made a complete study of the original maps and plans of League Island and the adjacent property, among which are included the early original United States topographical sheets of the United States Coast Survey ; it has investigated the hydrographical features of the surrounding channels and basins ; it has entered into a thorough personal examination of League Island, of the opposite shore of the back channel, and of the channels themselves at different periods of the tide ; it has bestowed its careful consideration upon the relation of all the various points and details involved to the present and future wants and purposes of the Navy of the United States, and especially their relation to the supplies of material, labor, and the sources of manufacturing power ; and feeling assured that these deliberations, examinations, and studies added to the knowledge and experience already possessed by its members, qualify it to form an opinion on the subject of League Island, in respect to its geological and topographical conditions, in respect to defense, in respect to the practical business and wants of navy-yards, docks, and dock-yards for vessels of wood and iron, and in respect to its adaptation for all naval purposes whatever, this board does not hesitate to recommend, with entire unanimity, that League Island, the adjacent marshes and back channel, together with so much of the opposite shore of the back channel from League Island shore as is hereafter described, be accepted from the city of Philadelphia, and be held for naval purposes by the Government of the United States. So much of the opposite shore of the back channel as, in the opinion of the board, is ample to enable the Government to have the sole and exclusive use of said back channel, and both shores thereof, is shown by the polygon in red ink on the plan accompanying this report, and is described in words as follows :

From a point on the west side of Broad street, three hundred feet north of its intersection with the dike, the northern boundary runs east to the west side of Eighth, south two hundred and seventy feet ; thence east to the west side of Third street, along the west side of Third street, south four hundred and twenty feet ; thence east one thousand nine hundred and eighty feet ; thence south to the low-water line of the Delaware River, maintaining at Eighth and Third streets the same distance from the island as at Broad street, but conforming to the rectangular plan of the city, and including the northern entrance to the back channel. Again, from Broad street westerly, preserving the same average distance from the dike, the line runs from the point on Broad street south, eighty degrees west, one thousand seven hundred and ten feet ; thence south, sixty-six degrees west, three thousand three hundred and sixty feet ; thence south forty-three degrees west, to the low-water line of the Schuylkill River.

The area included between the polygon thus described and the low-water line on the north side of the back channel, is approximately two hundred and thirty-nine acres, of which seventy-nine acres are improved land inside of a dike, and the remainder, flats uncovered at low water.

All of which is respectfully submitted.

C. H. DAVIS,
Rear-Admiral U. S. N., Superintendent U. S. Naval Observatory.

A. A. HUMPHREYS,
Brig. Genl. U. S. A., Chief of Engineers, Bvt. Major-Genl.

JAMES ALDEN,
Commodore U. S. N.

J. W. KING,
Chief Engineer U. S. N.

J. E. HILGARD,
Asst. U. S. Coast Survey, in charge of Office.

HON. G. WELLEN,
Secretary of the Navy.

DISBURSEMENT OF CONTINGENT FUND FOR THE STATE
DEPARTMENT.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

In compliance with law, statements relative to the disbursement of the contingent fund for that Department for the year ending June 30, 1876.

DECEMBER 13, 1876.—Referred to the Committee on Foreign Affairs and ordered to be printed.

DEPARTMENT OF STATE,
Washington, December 12, 1876.

SIR: The Secretary of State, in pursuance of the requirements of sections 193 and 209 of the Revised Statutes, has the honor to submit to Congress the following statements, viz:

A. Giving a detailed statement of the manner in which the contingent fund for the Department of State for the year ending June 30, 1876, has been expended.

B. A statement of the expenditures from the contingent fund for the expenses of foreign intercourse, including the contingent fund for the expenses of all the missions abroad, for the year ending June 30, 1876, with the balances of all former appropriations in each case on hand in the Treasury Department, and in the hands of the disbursing-clerk of the Department of State; and

C. Being a precise analytical statement of all moneys disbursed by the disbursing-clerk of this Department during the fiscal year ending June 30, 1876.

I have the honor to be, sir, your obedient servant,

HAMILTON FISH.

The SPEAKER of the House of Representatives.

2 CONTINGENT EXPENSES OF DEPARTMENT OF STATE.

A.—Giving a detailed statement of the manner in which the contingent fund for the Department of State for the year ending June 30, 1876, has been expended.

To whom paid.	On what account.	Amount.
Edward Bassett	Labor, moving	\$1
John H. Kelly	do	2
Thomas Morrison	Car-tickets	5
Charles H. Johnson	Labor, moving	4
Elizabeth H. Brown	Washing towels	19
Louis Beauregard	Extra watch	4
John Peters	Hauling furniture	1
Pay-roll	Laborers engaged in moving	654
Washington Gas-Light Company	Gas consumed in June, 1875	73
W. W. Farr	Removing clocks from old to new Department, taking down and setting up	30
Washington and Georgetown Railroad Company	Car-tickets	1
Kennebec Ice Company	Ice	29
W. H. Dice	Carpenter-work	421
Alexander R. Shepherd	Gas-fixtures	36
A. Young & Bro	Muslin for copying and binding	7
Walter Scott	Cleaning old Department building	10
L. H. Schneider	Oil, tools, &c	14
Odorless Excavating Company	Services	1
George W. Knox	Hauling books	20
Adams Express Company	Freight	2
Solomons & Chapman	Call-bells, paper-baskets, &c	12
Dwight T. Reed	Traveling expenses, official business	4
A. Schneider	Repairing mowing-machine	3
Metropolitan Railroad Company	Car-tickets	4
Elizabeth H. Brown	Washing towels	28
Pay-roll	Laborers employed in moving	65
Washington Gas-Light Company	Gas consumed in July, 1875	44
W. G. Gill	Repairs to harness	17
Washington Gas-Light Company	Gas consumed July and August	20
E. O. Cooke & Co	Candles	2
Kennebec Ice Company	Ice	2
John Peters	Hauling furniture	1
Adams Express Company	Freight	1
Washington and Georgetown Railroad Company	Car-tickets	1
Odorless Excavating Company	Services	2
Henry Newbeck	Locks and keys	4
L. H. Schneider	Hardware	47
Western Union Telegraph Company	Telegrams	3
Bartlett, Robbins & Co	Grate-bars, &c	24
John A. Baker	Truck	10
E. K. Lundy	Newspapers	5
J. W. Russell	Traveling expenses, official business	15
Evening Star, newspaper	Advertising proposals for fuel	2
Chronicle Publishing Company	do	24
C. F. Yoder	Coal	25
Moses Gross	Putting in coal	2
Pay-roll	Laborers moving books, &c	34
Murray and Barker	Horseshoeing	1
W. J. Gill	Repairing harness	1
S. Boswell	Hay	25
J. F. Green	Horse-feed	132
Washington Gas-Light Company	Gas consumed in September, 1875	173
F. Lemmer	Repairing locks and keys	4

A.—Contingent expenses of Department of State, &c.—Continued.

To whom paid.	On what account.	Amount.
Elizabeth H. Brown	Washing towels	\$19 50
F. A. Steir	Newspapers	32 40
Marshall Steeles	Dust-brushes	3 00
J. McDermott & Bro.	Four-wheel truck	50 00
John Daly	Cleaning gas-pipe	2 50
J. F. Green	Brooms, candles, buckets, &c.	110 60
G. W. Chamberlain	Glazing, &c	2 50
Kennebec Ice Company	Ice	29 34
Henry Newbeck	Locks	4 50
W. J. Faherty	Services, moving books, &c	18 00
Washington and Georgetown Railroad Company	Car-tickets	25 00
C. Yoder	Wood	275 00
Johnson & Bro.	Coal	1,606 00
Moses Gross	Putting in coal	40 15
Western Union Telegraph Company	Telegrams	39 50
Solomons & Chapman	Baskets, sponges, &c	38 00
Thomas Morrison	Toweling and making towels	59 56
E. K. Lundy	Newspapers	5 90
Elizabeth H. Brown	Washing towels	19 50
Moses Gross	Sawing, putting in, and piling wood	50 25
Washington Gas-Light Company	Gas consumed in October	196 25
Pay-roll	Laborers employed in moving books, &c.	258 00
J. W. Russell	Traveling expenses, official business	20 40
Baltimore and Potomac Railroad Com- pany	Freight	17 35
J. D. Harmon	Subscription to Baltimore Sun	3 30
Kennebec Ice Company	Ice	27 90
J. Brad. Adams	Subscription to Tribune, New York	4 50
Hon. Hamilton Fish	Disbursements for telegrams	46 08
Murray & Barker	Shoeing horses	8 00
W. J. Gill	Repairing harness	12 50
Mayfield & Heiston	Coal	140 00
L. H. Schneider	Packing, tallow, &c	8 25
W. H. Dice	Carpentry	106 35
E. H. Morrison	Towels	9 50
J. G. Hall	Hay	36 99
William Redd	Straw	10 58
E. K. Lundy	Newspapers	5 90
Elizabeth H. Brown	Washing towels	20 50
Washington Gas-Light Company	Gas consumed in November, 1875	270 75
Pay-roll	Laborers employed moving books, &c.	260 00
Baltimore and Potomac Railroad Com- pany	Freight	3 26
William Callow	Newspapers	9 00
Solomons & Chapman	Copying books, &c	17 50
Kennebec Ice Company	Ice	29 16
Western Union Telegraph Company	Telegrams	10 04
Raywood & Hutchinson	Coal-hods	11 00
Henry Newbeck	Repairing locks, &c	5 50
L. F. Clark	Black cambric for mourning	35 25
Adams Express Company	Freight and charges	8 65
E. O. Cooke & Co	Candles	2 70
C. A. Schneider & Son	Hardware	21 65
John F. Cooke	License fee	5 00
Evening Star Newspaper	Subscription	10 50
H. Richey	Charges on stoves, &c	33 95
W. J. Gill	Harness	65 60

A.—Contingent expenses of Department of State, &c.—Continued.

To whom paid.	On what account.	Amount.
W. H. Dice.....	Carpentry, Nov. and Dec., 1875	\$29 3
Western Union Telegraph Company.....	Telegrams.....	18 3
H. Baumgarten.....	Repairing stamps and ribbons.....	14 7
P. H. Gilbert.....	Oil-cans.....	4 6
E. K. Lundy.....	Newspapers.....	5 9
W. S. Thompson.....	Soap, matches, brushes, &c.....	64 2
J. W. Boteler & Bro.....	Sponges, matches, wisps, &c.....	79 6
Pay-roll.....	Laborers employed in moving.....	174 6
W. H. Farr.....	Moving, winding, care of clocks.....	50 0
W. Callow.....	Subscription to N. Y. papers.....	9 5
Elizabeth H. Brown.....	Washing towels.....	20 5
Washington Gas-Light Company.....	Gas consumed in Dec., 1875.....	32 3
W. J. Gill.....	Horse-blankets, &c.....	37 8
W. S. Thompson.....	Castile and other soap.....	11 7
Murray & Barker.....	Shoeing horses.....	10 3
John F. Green.....	Horse-feed.....	23 4
Do.....	Soap and brooms.....	23 4
Washington and Georgetown Railroad Company.....	Car-tickets.....	17 4
Kennebec Ice Company.....	Ice.....	9 3
F. Lemmer.....	Mending locks and keys.....	1 3
F. A. Stier.....	Newspapers.....	32 4
W. H. Boyd.....	Directories.....	10 4
Francis Lamb.....	Taking down pictures, &c.....	2 7
Evening Post newspaper.....	Subscription.....	9 4
Commercial Advertiser.....	Subscription.....	9 4
Jacob Ramberg.....	Driving gloves for mail-driver.....	8 4
Johnson & Brothers.....	Coal.....	1,644 4
George Thomas.....	Putting away coal.....	3 4
Pay-roll.....	Laborers employed in library.....	72 4
William Smith.....	Stamp and printing cards.....	11 7
E. K. Lundy.....	Newspapers.....	5 4
Western Union Telegraph Company.....	Cable telegrams.....	1 5
Solomons & Chapman.....	Chamois-skins, &c.....	15 3
J. A. Wineberger.....	Subscription to N. Y. Times.....	4 3
S. E. Lewis.....	Wisps, chamois-skins, &c.....	3 4
W. Cocker.....	Sharpening shears, &c.....	3 4
J. W. Boteler & Bro.....	Buckets, cleaning-implements, &c.....	12 3
Elizabeth H. Brown.....	Washing towels.....	21 4
S. E. Lewis.....	Chamois-skins, &c.....	9 4
William Callow.....	Newspapers.....	21 15
Kennebec Ice Company.....	Ice.....	27 4
J. L. Harmon.....	Subscription Baltimore Sun.....	3 4
J. F. Stephenson.....	Balto. and Ohio R. R., freight.....	1 4
H. Baumgarten.....	Repairing stamps.....	7 4
William Smith.....	Official cards.....	15 0
J. B. Adams.....	Subscription N. Y. Tribune.....	4 3
Western Union Telegraph Company.....	Telegrams.....	4 4
E. K. Lundy.....	Newspapers.....	5 4
Bureau of Engraving and Printing.....	Printing plate of new building.....	25 4
Elizabeth H. Brown.....	Washing towels.....	21 3
Murray & Barker.....	Shoeing horses.....	10 3
John Milbrook.....	Straw.....	13 3
R. Snowden.....	Hay.....	36 4
W. J. Gill.....	Repairing harness.....	11 3
Murray & Barker.....	Shoeing horses.....	15 4
Washington Gas-Light Company.....	Gas consumed in July, 1876.....	341 75
L. H. Schneider.....	Oil.....	105 4
Kennebec Ice Company.....	Ice.....	26 4
William Callow.....	Newspapers.....	13 3
Boston Daily Advertiser.....	Subscription.....	12 4
Western Union Telegraph Company.....	Telegrams.....	11 7
Evening Star.....	Subscription.....	10 4
E. K. Lundy.....	Newspapers.....	5 4

A.—Contingent expenses of Department of State, &c.—Continued.

To whom paid.	On what account.	Amount.
Messenger Franco-American	Subscription	\$12 00
John F. Green	Soap, bowl, &c.	18 25
William Callow	Newspapers	21 20
Washington Gas-Light Company	Gas consumed February, 1876.	275 50
W. H. Dice	Repairs to stable	2 31
John F. Green	Horse-feed	76 90
Murray & Barker	Shoeing horses	9 50
Washington Gas-Light Company	Gas consumed in March, 1876	214 75
B. Koch	Repairs to saddle and harness.	9 50
Kennebec Ice Company	Ice	27 58
Elizabeth H. Brown	Washing towels	20 50
J. W. Boteler & Bro	Sponge, soap, matches, &c.	35 00
W. S. Thompson	Castor-oil, &c.	1 65
J. A. Wineberger	New York Times	4 50
Adams Express Company	Transportation	29 50
Solomons & Chapman	Water-colors, &c.	5 35
Washington and Georgetown Railroad Company.	Car-tickets	15 00
Johnson & Brothers	Fuel	240 00
Robert Graham	Repairing wagons	61 25
Washington Gas-Light Company	Gas consumed in April, 1876.	144 75
E. H. Brown	Washing towels	21 00
W. Callow	Newspapers	22 80
James Faye	Book-rest	3 00
Murray & Barker	Shoeing horses	7 50
Franklin Telegraph Company	Telegrams	1 85
Kennebec Ice Company	Ice	33 15
Adams Express Company	Freight	19 25
William Smith	Official cards	15 00
J. B. Adams	Subscription	6 00
National Republican	Advertising	8 40
Western Union Telegraph Company	Telegrams	1 85
E. H. Mueller	Portrait of former Secretary-of-State Smith.	25 00
E. K. Lundy	Newspapers	5 90
E. K. Lundy	Newspapers	5 90
National Republican	Subscription	98 67
H. Baumgarten	Stamps, &c.	23 50
Elizabeth H. Brown	Washing towels	21 00
Evening Star	Subscription	10 50
William Callow	New York papers	23 05
Kennebec Ice Company	Ice	39 43
Washington Gas-Light Company	Gas consumed in May, 1876.	129 83
N. W. Burchell	Candles and candlesticks	21 75
Washington Gas-Light Company	Gas consumed in June, 1876.	113 40
Joseph Adams	Gas-regulator	350 00
J. W. Boteler & Bro	Matches	8 75
J. F. Green	Candles	12 00
Atlantic and Pacific Telegraph Company.	Telegrams	67
Bureau of Engraving and Printing	Check-books	43 00
W. S. Thompson	Brushes, soap, &c.	4 30
Webb & Beveridge	Tin pail	1 25
E. K. Lundy	Newspapers	5 90
Chronicle Publishing Company	Subscription	80 00
Elizabeth H. Brown	Washing towels	24 00
J. W. Boteler & Bro	Tumblers, matches, &c.	72 50
James L. Harmon	Subscription	5 50
Kennebec Ice Company	Ice for June	44 82
William Callow	Subscription	23 00
A. Young & Bro	Cotton cloth	9 80
J. Niland	Soap	9 00
P. F. Hornig	Hay	21 71
Alexander Roads	Hay	23 18
L. Ridgeley	Straw	25 52
W. S. Thompson	Horse-medicine	2 15

A.—Contingent expenses of Department of State, &c.—Continued.

To whom paid.	On what account.	Amount.
Lutz & Bro.	Harness, curry-combs, &c.	\$116 00
B. Koch	Repairing harness, &c.	12 60
Murray & Barker	Shoeing horses	8 75
Huguely & Bowen	Horse	325 00
W. S. Thompson	Castile soap	9 45
John F. Green	Horse-feed	179 65
Johnson Brothers	Coal	269 75
W. H. Dice	Repairs to stable	25 85
F. Lemmer	Key to stable	1 00
J. W. Russell	Traveling expenses, official business.	20 50
Robert H. Graham	Repairing carriages, &c.	145 75
L. F. Clark	Draping building	27 50
Pay-roll	Laborers in moving Department.	54 00
Henry Barker	Shoeing horses	7 75
Murray & Barker	do	12 50
W. J. Gill	Repairing harness, &c.	7 10
National Republican	Advertising	12 75
Total		16,070 50

B.—Statement of the expenditures from the fund for contingent expenses of foreign intercourse, including the expenditures for contingent expenses of all missions abroad, for the fiscal year ending June 30, 1876.

To whom paid.	On what account.	Amount.
William H. Dice	Making boxes	\$5 00
W. J. Gill	Repairing dispatch-bags	9 50
Western Union Telegraph Company	Cable telegrams	71 25
Solomons & Chapman	Stationery	686 16
Do	do	12 00
New York Times	Subscription	3 00
William H. McDaniels	Silk flag	30 00
President's approval		13 00
H. H. Given	Expenses, Bogota to Washington.	157 50
Solomons & Chapman	Stationery	413 75
Western Union Telegraph Company	Telegrams	34 75
Mary J. Phelps	Dispatch-bags	155 00
Evening Post	Subscription	15 20
Radcliffe Baldwin, United States dispatch-agent, New York.	Salary and expenses	1,576 15
Western Union Telegraph Company	Cable telegrams	54 60
Solomons & Chapman	Stationery	230 75
H. V. & W. H. Poor	Railroad manual	5 00
W. J. Gill	Repairing mail-bags	9 75
Jonathan Amory, United States dispatch-agent, Boston.	Salary	100 00
President's approval		56 20
New York Times	Subscription	21 00
Solomons & Chapman	Envelopes	56 75
Western Union Telegraph Company	Cable telegrams	45 00
Cincinnati Gazette Company	Subscription	20 15
H. Richey	Tin packing-cases	50 00
New York Tribune	Subscription	16 20
Do	do	16 20
New York Times	do	12 50

B.—Contingent expenses of foreign intercourse, &c.—Continued.

To whom paid.	On what account.	Amount.
Western Union Telegraph Company.....	Cable telegrams	\$564 25
The Tribune Company, Chicago.....	Subscription	18 26
Baltimore and Potomac Railroad Com- pany.....	Freight and charges	3 40
Jonathan Amory, dispatch-agent, Boston ..	Salary	100 00
George F. Waassman.....	Keys for mail-bags.....	2 25
T. B. Peddie & Co	Padlocks and chains or keys..	27 00
Radcliffe Baldwin, dispatch-agent, New York.....	Disbursements and services..	1,654 69
George W. Knox.....	Freight and charges on books.....	21 28
Indianapolis Journal.....	Subscription	16 24
The New York Times Company.....	do	22 98
A. Schumacher & Co.....	Freight on books	14 00
W. J. Gill	Mail-bags	34 30
New York Times.....	Subscription	19 30
Dayton Journal	do	9 00
Western Union Telegraph Company.....	Cable telegrams	582 68
Solomons & Chapman	Printing drafts, secretaries of legation.....	95 00
New York Tribune.....	Subscription	16 24
Cincinnati Times.....	do	8 00
New York Times.....	do	19 30
Baltimore and Potomac Railroad Com- pany.....	Freight on books	1 64
New York Times.....	Subscription	19 30
Thomas Taylor, dispatch-agent, Havre....	Salary, &c.....	208 30
New York Tribune.....	Subscription	16 24
H. Richey.....	Tin packing-cases.....	60 00
Baltimore and Potomac Railroad Com- pany.....	Freight	6 10
Western Union Telegraph Company.....	Cable telegrams	190 70
National Republican.....	Subscriptions, (5 copies).....	40 00
New York Times.....	Subscription	7 16
Solomons & Chapman	Stationery	856 25
W. J. Gill	Repairing mail-bags	25 60
New York Tribune.....	Subscription	5 08
New York Herald.....	do	19 30
New York Times.....	do	5 08
San Francisco Bulletin.....	do	4 70
Western Union Telegraph Company.....	Cable telegrams	389 16
New York Times.....	Subscription	3 00
Baltimore American.....	do	10 00
National Republican.....	do	8 00
New York Commercial Advertiser.....	do	1 00
State of Illinois	Certificate of great seal	2 00
W. B. Godwin.....	Expenses of coroner's inquest ..	10 00
Baltimore and Potomac Railroad Com- pany.....	Freight on books	13 54
Pond, rford & Jenney.....	Freight on books from Bogota.....	91 23
Charles P. James.....	Legal services; making digest of opinions.....	750 00
Henry O. Connor.....	Expenses of journey to New York on public business.....	85 00
William Hunter, Assistant Secretary.....	do	85 00
F. O. St. Clair.....	do	51 00
Western Union Telegraph Company.....	Telegrams	23 85
do	Cable telegrams	370 31
J. W. Russell, private secretary.....	Expenses at New York.....	13 79
New York Times.....	Subscription	5 08
New Orleans Republican	do	6 05
Franklin Telegraph Company	Telegrams, (cable)	106 79
C. Weber.....	Mail-bags and repairing.....	58 50
George F. Waassman.....	Leads and wires for mail-bags.....	25 00
Western Union Telegraph Company.....	Telegrams	14 65

B.—Contingent expenses of foreign intercourse, &c.—Continued.

To whom paid.	On what account.	Amount.
Western Union Telegraph Company	Cable telegrams	\$91 20
National Republican	Subscriptions	16 00
William H. Dice	Packing-boxes and packing	33 90
Solomons & Chapman	Stationery	453 87
Do	Dictionaries	18 00
Do	Rubber bands	38 50
Atlantic, Pacific, and Franklin Telegraph Company.	Cable telegrams	203 26
Western Union Telegraph Company	Telegrams	132 27
C. Weber	Repairing mail-bags	13 50
William H. Dice	Making packing-boxes	60 00
Atlantic, Pacific, and Franklin Telegraph Company.	Telegrams	1 50
Do	do	24 19
Western Union Telegraph Company	do	42 47
B. F. Stevens	Law-books and map	30 22
George W. Knox	Hauling and freight	4 25
George F. Wassman	Repairing presses	27 00
H. Richey	Tin packing-boxes	150 00
Solomons & Chapman	Stationery	882 53
Western Union Telegraph Company	Cable telegrams	17 50
Solomons & Chapman	Stationery	616 58
Do	do	227 50
Do	do	607 22
George Williamson, minister to Central America.	Clerical expenses	145 50
Do	Traveling expenses	311 15
New York Tribune	Subscription	5 00
Total disbursements		15,133 34

Contingent expenses of all missions abroad during the fiscal year ended June 30, 1876, disbursed through the Treasury Department, as reported to this Department by the Fifth Auditor:

Mission.	
1. Argentine Republic	\$210 84
2. Austria	1,059 96
3. Belgium	292 85
4. Brazil	246 79
5. Bolivia	400 00
6. Central America	961 75
7. Chili	404 00
8. China	3,258 94
9. Denmark	500 00
10. Colombia	1,039 00
11. Ecuador	136 88
12. France	2,967 55
13. German Empire	3,515 59
14. Great Britain	3,437 37
15. Greece	500 00
16. Hawaiian Islands	295 44
17. Hayti	379 25
18. Italy	650 00
19. Japan	647 58
20. Liberia	262 23
21. Mexico	2,119 25
22. Netherlands, (only partial accounts received)	16 50
23. Paraguay and Uruguay, (no accounts received.)	
24. Peru	216 31

B.—Contingent expenses of foreign intercourse, &c.—Continued.

Mission.	Amount.
Brought forward	\$15,133 34
25. Portugal	\$500 00
26. Russia	2,793 78
27. Spain	4,976 51
28. Sweden	567 34
29. Switzerland	469 28
30. Turkey	3,079 38
31. Venezuela	396 40
32. London dispatch-agent	12,923 82
	49,224 59
Total	64,358 13

Statement of amount of all former appropriations for contingent expenses of the Department of State, and contingent expenses of foreign intercourse, including all missions abroad, on hand June 30, 1876.

IN THE TREASURY.

Contingent fund, Department of State	\$2,972 53
Contingent fund, foreign intercourse	39,701 17

IN HANDS OF DISBURSING-CLERK.

Contingent fund, foreign intercourse	453 21
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IN THE TREASURY ON ACCOUNT OF APPROPRIATIONS, 1875.

Contingent expenses, Department of State	2,307 88
Contingent expenses, foreign intercourse	2,889 71
Total	48,324 50

C.—Analytical statement of all the moneys disbursed by the disbursing-clerk of the Department of State during the fiscal year ended June 30, 1876.

Appropriation for salaries of Secretary of State, Assistant Secretaries, clerks, messengers, watchmen, laborers, &c.	\$119,475 41
Appropriation for contingent expenses of the Department of State	16,070 31
Appropriation for editing, printing, binding, and distributing Laws of 43d Congress, and of Revised and Annual Statutes	5,626 62
Appropriation for proof-reading	1,326 65
Appropriation for books and maps	2,500 00
Appropriation for stationery, furniture, &c.	4,783 25
Appropriation for rescuing shipwrecked American seamen	2,123 39
Appropriation for lithographing	1,401 10
Appropriation for contingent expenses of foreign missions	15,133 34
Appropriation for contingent expenses of United States consuls	61,120 24
Appropriation for International Exposition, Vienna	8,632 41
Appropriation for postage, Department of State	5,360 99
Appropriation for relief and protection of American seamen	144 00
Appropriation for furniture for new building for State, War, and Navy Departments	71,390 25
Appropriation for expenses under the neutrality acts	59 00
Total	315,136 96

R. C. MORGAN,
Chief of Bureau of Accounts.

THE REMOVAL OF THE SIOUX INDIANS.

MESSAGE

FROM THE

PRESIDENT OF THE UNITED STATES,

TRANSMITTING

A letter from the Secretary of the Interior in reference to the removal of the Sioux Indians.

DECEMBER 14, 1876.—Referred to the Committee on Indian Affairs and ordered to be printed.

To the House of Representatives :

In answer to the resolution of the 7th instant of the House of Representatives, asking to be informed "whether any and what negotiations have been or are being made with the Sioux Indians for their removal to the Indian Territory, and under what authority the same has been or is being made," I submit herewith a report received from the Secretary of the Interior, which contains, it is believed, all the information in possession of my Department touching the matter of the resolution.

U. S. GRANT.

EXECUTIVE MANSION, December 14, 1876.

DEPARTMENT OF THE INTERIOR,
Washington, December 12, 1876.

SIR : I have the honor to acknowledge the receipt, by Executive reference, of a resolution of the House of Representatives, dated 7th instant, as follows :

On motion of Mr. Mills,

Resolved, That the President of the United States be requested, if not incompatible with the public interest, to inform this House whether any and what negotiations have been or are being made with the Sioux Indians for their removal to the Indian Territory, and under what authority the same has been or is being done ;

And in response to the reference respectfully invite attention to the inclosed copy of a report, dated the 11th instant, from the Commissioner of Indian Affairs, to whom the subject was referred, which contains, it is believed, all the information in possession of this Department touching the matter of the resolution.

I have the honor to be, sir, very respectfully, your obedient servant,

Z. CHANDLER,
Secretary.

The PRESIDENT, Executive Mansion.

DEPARTMENT OF THE INTERIOR,
OFFICE OF INDIAN AFFAIRS,
Washington, D. C., December 11, 1876.

SIR: I have the honor to acknowledge the receipt, by Department reference, of House resolution dated the 7th instant—

That the President of the United States be requested, if not incompatible with the public interest, to inform this House whether any and what negotiations have been or are being made with the Sioux Indians for their removal to the Indian Territory, and under what authority the same has been or is being done;

And in accordance with your direction submit the following report:

In the act of Congress, approved August 15, 1876, making appropriations for the Indian department, among the various provisions thereof it is provided that hereafter there shall no further appropriations be made for the subsistence of the different tribes of Sioux Indians unless they shall agree—

First. To relinquish all right and claim to any country outside of the boundaries of the permanent reservation secured to them by their treaty of 1828.

Second. To relinquish a portion of said reservation lying west of 103d meridian of longitude.

Third. To grant the right of way for several roads over the reservation from points on the Missouri River to the part that may be thus relinquished.

Fourth. To receive their supplies for subsistence at such suitable places in the vicinity of the Missouri as the President may designate; and

Fifth. To enter into some stipulation, agreement, or arrangement calculated and designed to enable them to become self-supporting; and for these purposes \$20,000 are appropriated.

With the view to effect the object of this provision of the law, the President, soon after its passage, appointed a commission composed of the following gentlemen: Hon. George W. Manypenny, H. C. Balis, esq., Newton Edmonds, esq., Right Reverend H. B. Whipple, A. G. Boone, esq., Hon. A. S. Gaylord, and J. W. Daniels, esq.; and these commissioners, under full instructions furnished by this office, bearing date the 24th of August last, shortly proceeded to the discharge of the duty devolved upon them.

No official report of their doings has yet been communicated to the Department or this office by that commission. Their first council was held with the Indians at the Red Cloud agency early in September, where propositions in consonance with the condition stated in the law referred to, were presented to the Indians and finally accepted by them.

Subsequently other Sioux agencies were visited and councils held, and the same propositions submitted, with like results. Although not officially so advised, it is understood by this office that the commission, having finished their work some time since, agreed to convene in this city on the 9th instant, to report the result of their proceedings, and it is thought that most if not all of them are present at this date.

In regard to one of the subjects of negotiation, that relating to an arrangement to enable the Indians to become self-supporting, it was deemed that an arrangement or agreement best calculated to subserve the end devised would be one providing for the removal of these Indians at an early day to the Indian Territory, for the obvious reason that their main dependence must ultimately be derived from the cultivation of the soil, not practicable in their own country, which is so unsuited for such purpose; and it was held that the better climate and superior soil of the Indian Territory, and the fact of that territory being forever secured

to the Indian people, should be inducements for them to enter into a measure of the kind indicated.

The commissioners were accordingly authorized to enter into an agreement with the Indians for such a removal; but if it could not be accomplished without first affording them an opportunity to visit the Indian Territory, and the commissioners should be of the opinion that the visit would probably secure their assent to the proposition, the commissioners were further authorized to send, under careful and competent direction, or to take, a delegation of the most influential chiefs and headmen to the said Indian Territory.

Under that authority a subcommittee, Messrs. Boone and Daniels, with E. A. Howard as disbursing agent, accompanied by about ninety Indians, visited the territory in question; and they lately returned therefrom, the Indians being favorably impressed with what they saw, as I am informed by the subcommittee who reached this city on the 9th instant.

It may be proper to remark that the Indians were given to understand that any agreement entered into with them would not be binding on either of the parties thereto, until approved by the President and Congress. The commission will, doubtless, in a short time submit a full report; which, when received, will be forwarded immediately to the Department.

I herewith return the resolution of the House referred by the Department.

Very respectfully, &c.,

J. Q. SMITH,
Commissioner.

The Hon. the SECRETARY OF THE INTERIOR.

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CONTINGENT FUND OF THE NAVY DEPARTMENT.

LETTER

FROM

THE SECRETARY OF THE NAVY,

TRANSMITTING

A detailed statement of the expenditure of the contingent fund of the Navy Department for the year ending June 30, 1876.

DECEMBER 19, 1876.—Referred to the Committee on Expenditures in the Navy Department and ordered to be printed.

NAVY DEPARTMENT,
Washington, December 18, 1876.

SIR: I have the honor, in compliance with the requirements of section 193 of the Revised Statutes, to submit to Congress detailed statements of the expenditure of the contingent funds for the Navy Department, and for the bureaus and offices therein, with the names, amounts, and quantities of time, service, force, &c., as therein required.

1. Statement of contingent, office of Secretary of the Navy.
2. Statement of contingent, office of Bureau of Yards and Docks.
3. Statement of contingent, office of Construction and Repair.
4. Statement of contingent, office of Equipment and Recruiting.
5. Statement of contingent, office of Steam-Engineering.
6. Statement of contingent, office of Navigation.
7. Statement of contingent, office of Provisions and Clothing.
8. Statement of contingent, office of Ordnance.
9. Statement of contingent, office of Medicine and Surgery.
10. Statement of contingent, Navy Department building.

And also, under the requirements of the act entitled "An act making appropriations for the legislative, executive, and judicial expenses of the Government for the year ending June 30, 1876," approved January, 1875, detailed statements of the expenditure of the sums appropriated for contingent expenses "in the Navy Department, and in the bureaus thereof," to which the same were appropriated, being—

1. Appropriation contingent, Navy.
2. Appropriation contingent, Equipment and Recruiting.
3. Appropriation contingent, Medicine and Surgery.
4. Appropriation contingent, Ordnance.
5. Appropriation contingent, Yards and Docks.

6. Appropriation contingent, Navigation.
7. Appropriation contingent, Provisions and Clothing.
8. Appropriation contingent, Naval Academy.
9. Appropriation contingent, Marine Corps.

Very respectfully,

GEO. M. ROBESON,
Secretary of the Navy.

Hon. SAMUEL RANDALL,
Speaker of the House of Representatives.

No. 1.—*Report of expenditures of contingent, Secretary's Office.*

FROM DECEMBER 1, 1875, TO NOVEMBER 30, 1876.

Name.	Article.	Amount.
1875.		
J. B. D. Littell	Bill-holders	\$2.10
R. McMurray	Mail-bag	7.50
W. Choate & Co	Stationery	21.22
H. Newbeck	Making keys	2.00
Joseph Gawler	Repairing furniture	21.50
W. H. Dempsey	Stationery	105.00
G. N. Rider	Cyclopedia, 2 vols., at \$7, for library	14.00
Hon. A. M. Clapp	Postage on Congressional Record	2.40
F. Chrisman	For transportation	1.25
S. P. Dyre	Car-tickets	5.00
1876.		
Adams Express Company	For transportation	12.25
W. H. Dempsey	Stationery	7.15
F. Lemmar	Repairing chairs	1.25
C. W. Tyson	Postage-stamps	4.00
W. Choate & Co	Stationery	54.21
W. H. Boyd	Directories, 5 copies, at \$5	25.00
Army and Navy Journal	Subscription one year	6.00
Lorenzo Rice	Cleaning carpets	2.15
Joseph H. Coates & Co	Civil War in America, for library	3.30
Ralph Hunter	Postage-stamps	2.35
Lutz & Bro	Horse-blanket, robe, &c	16.75
Lake Jones	Door-work	1.00
Lindsay Muse	Washing towels	26.00
New York Maritime Register	Subscription, six months	7.50
J. M. Waters	Car-tickets	5.00
G. M. Wright	Office-table	30.00
Jesse Owings	Gas-burners	3.00
R. Cruik, jr	Livery	25.00
Charles Moulton	Labor	3.00
N. W. Burchell	Soap	1.00
W. Choate & Co	Stationery	2.00
W. H. & O. H. Morrison	Law-books, for library	20.00
Chronicle Publishing Company	Subscription, four months	2.00
M. C. Mitchell	Repairing stove	5.00
George M. Israel	Matches and safes	5.00
Joseph F. Ball	Repairing chairs	5.00
J. W. Gainer	Stamp	1.00
James Ford	Repairs to fire-place	15.00
R. Cruik, jr	Livery	11.00
H. Newbeck	Repairing locks	7.00
M. J. Pope	Shoeing horse	2.00
R. G. Yewell	Candles, oil, &c	10.00
George Francis	Feather dusters, &c	9.00
Welsh Bros.	Brooms	2.00

No. 1.—*Report of expenditures of contingent, Secretary's Office—Continued.*

Name.	Article.	Amount.
G. G. Robertson	Work on windows	\$4 00
B. F. Moore	Sweet-oil and stone	40
James Kelly	Repairing furnace	2 00
W. H. Dempsey	Stationery	225 10
Henry Wigginton	Postage-stamps	3 00
W. B. Moses	Matting	19 50
William Thompson	Disinfecting powder	1 50
Benjamin Waynes	Charcoal	10 00
J. Distarnell	United States Registers	6 00
W. Choate & Co	Stationery	62 49
L. B. Jones	Door-work	1 00
John Lockie	Office Directory	5 00
Washington and Georgetown Rail- road Company	Car-tickets	5 00
R. Cruik, jr	Livery	27 50
Chronicle Publishing Company	Subscription, two months	2 25
W. H. & O. H. Morrison	Law-books, for library	21 00
W. H. Dempsey	Stationery	25 00
E. V. Anglim	Annals of Civil Government, for li- brary	8 00
Welsh Bros	Soap	3 18
S. E. Thompson	File	1 00
W. Choate & Co	Stationery	19 47
Kennebec Ice Co	Ice	24 33
James Kelly	Repairing chimney-tops	5 00
James Faye	Book-rest	3 00
B. F. French	Rotary stamp	10 00
Lindsay Muse	Washing towels	26 00
N. W. Burchell	Mouse-trap, &c	74
Adams Express Company	For transportation	8 75
George Francis	Feather duster, thermometer, &c	9 65
Welsh Bros	Broom, soap, &c	5 85
Robert Beall	Wallace Report, for library	6 00
R. Cruik, jr	Livery	28 00
W. Choate & Co	Stationery	12 80
Welsh Bros	Soap	18 00
Henry Newbeck	Repairing locks	1 25
H. Jacobs	Pens	7 50
J. W. Boteler & Bro	Brooms, sponge, &c	13 50
Joseph Gawler	Repairing furniture	35 50
George Francis	Office-baskets	3 50
Porter & Coates	Civil War in America, for library	2 80
Henry Newbeck	Repairing locks	5 50
J. M. Judd	History of United States, for library	3 50
W. J. Murtagh	Subscriptions to the Republican	16 00
R. Cruik, jr	Livery	28 00
J. A. Bolles	Paid notary fee	1 00
M. E. Mann	Cyclopedia, for library	6 50
Washington and Georgetown Rail- road Company	Car-tickets	20 00
Joseph Ball	Repairing chairs	10 00
Welsh Bros	Matches	12 00
Henry Newbeck	Repairing locks	4 75
J. W. Boteler & Bro	Sponge, tumblers, &c	6 50
Chronicle Publishing Company	Advertising	80 00
John W. Hogg	Directory	10 00
Joseph Plafky	Cement	1 00
Edward Lucas	Hauling carpets	1 25
Richard Covington	Taking up and cleaning mattings	8 00
Riggles & Hopkins	Salt, for whitewashing cellar	50
William Hounschild	Carpet-work	35 95
Evening Star	Advertising	52 50
George Francis	Bucket, water-cooler, &c	34 95

No. 1.—*Report of expenditures of contingent, Secretary's Office*—Continued.

Name.	Article.	Amount.
R. Cruit, jr	Livery	\$29 00
John O. Harmon	Subscription to Chronicle	90
W. W. Farr	Care of clocks	54 50
Kennebec Ice Company	Ice	36 73
C. W. Tyson	Chariot-tickets	1 00
W. J. Murtagh	Advertising in the Republican	61 50
Sunday Herald	Advertising	32 50
W. H. Dempsey	Stationery	649 75
W. Choate & Co. ....	.....do	267 41
W. M. Ellis	Postage-stamps	9 00
Daily Critic	Advertising	17 63
R. Hunter	Postage-stamps	4 00
M. L. Larner	Dr. Newman's Travels, for library	5 00
Adams Express Company	For transportation	36 45
W. S. Mitchell	Matting, &c.	212 42
Lindsay Muse	Washing towels	13 00
J. F. Sanner	Repairing door	2 50
W. H. Dempsey	Stationery	14 95
Benjamin F. Brown	Dating-stamp	12 00
Robert Beall	Life of Macaulay, for library	9 00
William Hounschild	Work on carpets	4 00
Lutz & Bro	Whips, &c.	7 50
E. M. Whitaker	Atlas and Gazetteer, for library	46 00
W. S. Mitchell	Carpets, &c.	272 50
New York Maritime Register	Subscription	7 50
C. W. Tyson	Postage-stamps	3 00
R. Cruit, jr	Livery	29 00
H. Newbeck	Repairing locks	2 50
R. Cruit, jr	Livery	28 25
E. M. Whitaker	Stationery	18 25
Joseph Ball	Repairing chair	1 50
G. N. Rider	Cyclopedias, for library	14 00
R. Hunter	Postage-stamps	3 00
C. Harrison Emerson & Co.	Subscription to Business Guide	5 00
Solomons & Chapman	McPherson's Hand-Book, for library	2 50
L. Muse	Washing towels	13 00
Chronicle Publishing Company	Subscription	2 70
R. Cruit, jr	Livery	27 00
Kennebec Ice Company	Ice	44 97
Adams Express Company	For transportation	10 40
R. Magee & Son	Ink	8 25
Charles Moulton	Removing ashes	1 50
Henry Newbeck	Repairing bell	5 00
C. W. Tyson	Postage-stamps	3 00
William Ballantyne	Ink-vents	1 00
R. Cruit, jr	Livery	27 00
William Hounschild	Carpet-work, &c.	50 07
Robert Beall	Supreme Court Report, for library	5 00
Lutz & Bro	Horse-blanket	10 00
R. Hunter	Postage-stamps	3 00
E. M. Whitaker	Stationery	141 47
Chronicle Publishing Company	Subscription	50
C. H. Emerson & Co.	Business Guide	5 00
Adams Express Company	For transportation	40
John Nathan & Sons	Mucilage-bottles	2 25
Samuel J. Denham	Oil, &c.	3 25
Total .....	.....	4,003 72

No. 2.—*List of payments under appropriation contingent office-expenses of Bureau of Yards and Docks.*

FROM DECEMBER 1, 1875, TO JUNE 30, 1876.

Date.	Name.	Article.	Amount.
1875.			
Dec. 1	F. Schneider & Son.....	Hardware	\$3 30
Dec. 4	James G. Bennett.....	Subscription	12 00
Dec. 31	F. Mason	Washing towels	5 00
1876.			
Jan. 3	N. Addison	Spigot	60
Jan. 3	W. H. Dempsey	Stationery.....	40 90
Jan. 4	Kennebec and Potomac Ice Com- pany.....	Ice.....	7 80
Jan. 5	James L. Savage.....	Blacking, &c.....	3 00
Jan. 6	A. M. Clapp.....	Postage on Record.....	80
Jan. 11	W. H. Boyd.....	City Directory.....	5 00
Jan. 14	J. W. Gainor.....	Repairing hand-stamp	2 00
Feb. 3	Warren Choate & Co	Stationery.....	3 70
Feb. 12	Nautical Gazette.....	Subscription	5 00
Feb. 17	John K. Vernon.....	Repairing chairs.....	4 50
Feb. 17	D. J. Partello.....	Freight	79
Feb. 23	D. W. Beveridge.....	Fender.....	12 00
March 4	John K. Vernon.....	Repairing chairs.....	4 75
March 8	W. H. Dempsey	Stationery.....	27 20
April 3	Kennebec Ice Company.....	Ice.....	7 80
April 6	James Anglim	Biographical Annals	8 00
April 7	F. Mason	Washing towels	5 00
May 17	James Gawler	Covering desk.....	10 00
May 29	Webb & Beveridge.....	Baskets	5 25
June 1	National Republican	Subscription	8 00
June 2	James L. Savage.....	Coal-hods and broom	2 00
June 14	D. J. Partello.....	Patent cement.....	3 00
June 7	M. E. Mann.....	Cyclopedia	6 50
June 17	Alex. Berry.....	Shaking carpets	1 25
June 24	George Francis.....	Sundries	7 50
June 27	N. Addison.....	Car-tickets.....	10 00
June 29	W. B. Williams.....	Wardrobe book-case	40 00
June 29	Warren Choate & Co	Stationery.....	14 30
June 29	F. Mason	Washing towels	5 00
June 30	Adams Express Company.....	Freight	40
June 30	W. H. Dempsey	Stationery	228 80
June 30	Kennebec Ice Company.....	Ice.....	8 96
	Total		510 10

FROM JULY 1, 1876, TO NOVEMBER 30, 1876.

July 3	C. H. Emerson	Business Guide	\$5 00
Aug. 10	Army and Navy Journal	Subscription	6 00
Sept. 13	James Kelley.....	Repairing pitcher.....	3 00
Sept. 30	F. Mason	Washing towels	5 00
Oct. 4	Kennebec Ice Company.....	Ice.....	12 54
Oct. 7	Adams Express Company	Freight	1 60
Oct. 9	L. R. Jones.....	Removing awnings	1 00
Oct. 11	Henry Dawkins.....	Laying carpets	1 50
Oct. 30	Mohun & Bro.....	McCauley's Life and Letters.....	5 00
Nov. 29	Walter Allen.....	Mechanical Dictionary.....	8 00
	Total		48 64

No. 3.—*Report of expenditures of contingent office-expenses of Bureau of Construction and Repair.*

FROM DECEMBER 1, 1875, TO NOVEMBER 30, 1876.

Name.	Article.	Amount.
H. A. Goldsborough.....	Postage-stamps.....	\$0 40
E. Edwards.....	Making boxes.....	5 00
W. H. Dempsey.....	Stationery.....	44 19
John Simms.....	Washing towels.....	5 00
C. H. Emmerson & Co.....	Subscription to Business Guide.....	5 00
Kennebec Ice Company.....	Ice.....	7 50
William H. Boyd.....	Directory.....	5 00
E. Edwards.....	Boxes.....	7 50
G. M. Schaefer.....	Shades.....	5 00
W. Choate & Co.....	Stationery.....	20 25
N. W. Burchell.....	Matches and tacks.....	2 01
H. O. Towles.....	Repairing chairs.....	11 00
E. Edwards.....	Boxes.....	32 50
William H. Dempsey.....	Stationery.....	70 60
John Lockie.....	Office Directory.....	7 00
William H. Dempsey.....	Stationery.....	57 50
Kennebec Ice Company.....	Ice.....	7 50
John A. Simms.....	Washing towels.....	5 00
E. Edwards.....	Boxes.....	5 00
W. Choate & Co.....	Stationery.....	4 55
Mohun Bros.....	Books.....	35 15
E. Edwards.....	Boxes.....	7 50
Arthur Brent.....	Transportation.....	1 25
H. A. Goldsborough.....	Car-tickets.....	5 00
N. W. Burchell.....	Brooms and Duster.....	4 75
L. R. Jones.....	Awning-work.....	1 50
W. H. Dempsey.....	Stationery.....	13 20
Alexander Berry.....	Shaking carpets, &c.....	7 00
John A. Simms.....	Washing towels.....	5 00
W. W. Farr.....	Care of clocks.....	6 45
W. Choate & Co.....	Stationery.....	5 50
W. H. Dempsey.....	do.....	27 50
Kennebec Ice Company.....	Ice.....	5 00
B. T. Hanley.....	Car-tickets.....	4 14
N. W. Burchell.....	Matches and soap.....	6 25
Mohun Bros.....	Book.....	31 00
J. A. Simms.....	Washing towels.....	5 00
Alexander Berry.....	Laying carpets.....	7 00
L. R. Jones.....	Awning-work.....	1 00
Kennebec Ice Company.....	Ice.....	10 61
E. M. Whitaker.....	Stationery.....	27 45
Total.....		530 50

No. 4.—*Report of expenditures of contingent office-expenses of Bureau of Equipment and Recruiting.*

FROM DECEMBER 1, 1875, TO NOVEMBER 30, 1876.

Name.	Article.	Amount.
S. T. Dyre.....	Car-tickets.....	\$10 00
G. N. Rider.....	Cyclopedias.....	14 00
A. Burgdorf.....	Book-case.....	25 00
C. H. Emmerson & Co.....	Subscription to Business Guide.....	5 00
B. Harris.....	Washing towels.....	5 00
Kennebec Ice Company.....	Ice.....	9 35

No. 4.—*Report of expenditures of contingent office-expenses of Bureau of Equipment and Recruiting—Continued.*

Name.	Article.	Amount.
William Ballantyne	Diary	\$6 00
W. H. Dempsey	Stationery	101 80
W. H. Boyd	Directory	5 00
H. Newbeck	Repairing locks	5 00
G. M. Schaefer	Shades	6 00
Warren Choate & Co	Stationery	16 19
W. S. Mitchell	Laying carpets	17 50
W. Choate & Co	Stationery	4 19
J. Distarnell	American Registers	3 00
John Lockie	Office Directory	5 00
W. H. Dempsey	Stationery	52 55
James Anglim	Annals of United States	8 00
Benjamin Harris	Washing towels	5 00
Kennebec Ice Company	Ice	9 36
W. Choate & Co	Stationery	13 09
J. D. James	Making box, &c	5 00
J. W. Boteler & Bro	Basin, pitcher, &c	7 50
S. T. Dyre	Car-tickets	10 00
J. W. Boteler & Bro	Matches	3 50
L. R. Jones	Awning-work	2 25
W. H. Dempsey	Stationery	40 40
Joseph Brown	Shaking carpets	8 70
J. W. Boteler & Bro	Soap	2 00
W. W. Farr	Care of clocks	10 90
Benjamin Harris	Washing towels	7 25
W. H. Dempsey	Stationery	27 00
W. S. Mitchell	Matting	21 41
Do	Towels	7 00
W. Choate & Co	Stationery	42 83
Kennebec Ice Company	Ice	10 48
G. N. Rider	Cyclopedia	20 50
James Kelly	Repairing buckets	1 00
Kennebec Ice Company	Ice	10 61
Benjamin Harris	Washing towels	5 00
L. R. Jones	Awning-work	1 00
Mitchell & Martin	Cloth for press-copying	1 50
S. D. Dyre	Car-tickets	10 00
E. M. Whitaker	Stationery	113 70
Total		695 57

No. 5.—*Report of expenditures of contingent office-expenses of Bureau of Steam-Engineering.*

FROM DECEMBER 1, 1875, TO NOVEMBER 30, 1876.

Name.	Article.	Amount.
George Schultz	Transportation	\$15 35
W. Choate & Co	Stationery	53 25
Francis Willner	Putting down carpets	10 50
Robert Iverson	Washing towels	6 00
George Schultz		81
Western Union Telegraph Company	Telegrams	14 87
E. M. Whitaker	Stationery	209 77
R. T. Iverson	Washing towels	6 00
Western Union Telegraph Company	Telegrams	11 92
James Kelly	Repairing stoves	12 38

No. 5.—*Report of expenditures of contingent office-expenses of Bureau of Steam-Engineering—Continued.*

Name.	Article.	Amount.
Kennebec Ice Company.....	Ice.....	\$8 84
G. N. Rider.....	Cyclopedias.....	14 00
E. M. Whitaker.....	Stationery.....	33 67
Do.....	do.....	210 48
Total.....		607 84

No. 6.—*Statement of expenditures under appropriation contingent office-expenses of Bureau of Navigation.*

FROM DECEMBER 1, 1875, TO JUNE 30, 1876.

Name.	Article.	Amount.
Warren Choate & Co.....	Stationery.....	\$27 57
George Watts & Co.....	Fire-screen.....	5 50
John A. Smith & Co.....	Washing towels.....	8 00
William H. Dempsey.....	Stationery.....	16 10
William H. Boyd.....	City Directories.....	10 00
Warren Choate & Co.....	Stationery.....	15 62
David Lyon.....	Steel pens.....	9 00
Kennebec Ice Company.....	Ice.....	7 02
L. Waldecker.....	Car-tickets.....	2 00
George Watts & Co.....	Dusters and jar.....	4 40
George M. Israel.....	Fusees and stands.....	5 55
J. T. Sanner.....	Putting up shelves.....	31 00
J. W. Joyce.....	Cart-hire, stamps, freight, &c.....	4 95
John Disturnell.....	Two United States Registers.....	3 00
William H. Dempsey.....	Stationery.....	54 00
Kennebec Ice Company.....	Ice.....	7 12
John A. Smith.....	Washing towels.....	5 00
Warren Choate & Co.....	Stationery.....	5 77
W. L. G. Foot.....	Cart-hire, key, cloth, &c.....	1 95
Do.....	Laborer's hire, car-tickets, &c.....	4 25
Warren Choate & Co.....	Stationery.....	6 00
L. R. Jones.....	Putting up awnings.....	4 50
Julius Viedt.....	Repairing chair and book-case.....	5 00
H. O. Towles.....	Repairing chair.....	2 00
W. W. Farr.....	Regulating clocks.....	16 35
William L. G. Foot.....	Car-tickets, laborers, &c.....	2 05
Samuel Wills.....	Taking up carpets, &c.....	10 00
Warren Choate & Co.....	Stationery.....	57 70
L. Waldecker.....	Letter-files.....	1 50
William H. Dempsey.....	Stationery.....	77 30
John A. Smith.....	Washing towels.....	5 00
William L. G. Foot.....	Soap, brooms, tools, &c.....	9 64
William H. Dempsey.....	Stationery.....	92 30
L. Waldecker.....	Car-tickets.....	2 45
Total.....		556 50

FROM JULY 1, 1876, TO DECEMBER 1, 1876.

E. M. Whitaker.....	Stationery.....	\$15 02
John A. Smith.....	Washing towels.....	5 00
William Ballantyne.....	Manila paper.....	1 02
Kennebec Ice Company.....	Ice.....	15 71

No. 6.—*Statement of expenditures under appropriation contingent office-expenses of Bureau of Navigation—Continued.*

Name.	Article.	Amount.
William L. G. Foote	Car-tickets	\$4 45
L. R. Jones	Taking down awnings	2 00
Samuel Wills	Putting down carpets, &c.	10 00
William H. Dempsey	Stationery	27 50
H. Jacobs	Steel pens	9 00
William L. G. Foot	Eyelet-punch, cart-hire, &c.	6 05
E. W. Woodruff	File-holders	5 50
William L. G. Foot	Cart-hire, expressage, &c.	1 50
Do	Push-cart hire, signal-lights, &c.	1 00
Total		108 69

No. 7.—*Report of expenditures of contingent office-expenses of Bureau of Provisions and Clothing.*

FROM DECEMBER 1, 1875, TO NOVEMBER 30, 1876.

Name.	Article.	Amount.
W. Choate & Co	Stationery	\$32 10
G. N. Rider	Cyclopedia	14 00
F. Lemmar	Repairing furniture	5 00
W. H. Dempsey	Stationery	39 90
Samuel West	Washing towels	6 00
W. R. Brown	Candles, spittoons, brushes, &c.	9 20
W. S. Mitchell	Oil-cloth	18 63
Kennebec Ice Company	Ice	7 80
W. S. Thompson	Soap	2 50
W. N. Boyd	Directories	10 00
L. R. Jones	Awning-lines	75
W. Choate & Co	Stationery	26 75
J. W. Gainer	Dating-stamp	8 00
James M. Bryan	Repairing desk	4 00
George M. Israel	Matches and safes	6 18
William Lucas	Car-tickets	5 00
William Hounschild	Repairing shades	2 25
J. Disturnell	United States Register	3 00
John Lockie	Directory	5 00
Samuel West	Washing towels	6 00
James Anglim	Annals of the United States	8 00
Kennebec Ice Company	Ice	7 80
W. Choate & Co	Stationery	7 77
A. Burgdorf	Repairing furniture	15 00
L. R. Jones	Hanging awnings	6 75
William Lucas	Car-tickets, telegrams, &c.	10 00
W. Choate & Co	Stationery	11 53
W. H. Dempsey	do	4 00
L. R. Jones	Awning	9 00
W. W. Farr	Care of clocks	5 45
W. Choate & Co	Stationery	2 83
W. S. Thompson	Camphor	2 00
W. R. Brown	Tacks, soap, &c.	2 20
Kennebec Ice Company	Ice	8 96
Samuel West	Washing towels	6 00
John Fagins	Shaking carpets	20 00
William Lucas	Car-tickets	5 48
John Lockie	Office Directory	2 50

No. 7.—*Report of expenditures of contingent office-expenses of Bureau of Provisions and Clothing—Continued.*

Name.	Article.	Amount.
William Hounschild	Matting, and putting down same	\$7 97
Judd & Detweiler	Printing circulars	11 00
S. E. Thompson	Letter-files	2 50
William Lucas	Car-tickets	5 00
Samuel West	Washing towels	6 00
John Fagins	Putting down carpets	16 00
L. R. Jones	Awning-work	5 00
Kennebec Ice Company	Ice	2 55
G. N. Rider	Cyclopedias	14 00
William Lucas	Car-tickets	5 00
A. Burgdorf	Repairing furniture	5 75
William Lucas	Matches	9 60
E. M. Whitaker	Stationery	33 17
Total		477 07

No. 8.—*Report of expenditures of contingent office-expenses of Bureau of Ordnance.*

FROM DECEMBER 1, 1875, TO NOVEMBER 30, 1876.

Name.	Article.	Amount.
W. H. Dempsey	Stationery	\$30 00
Dennis Reiley	Kindling-wood	3 00
W. Choate & Co	Stationery	9 01
C. H. Middleton	Postage-stamps	2 00
Do	Car-tickets	5 00
W. H. Dempsey	Stationery	66 00
George W. Simms	Washing towels	6 00
C. H. Middleton	Car-tickets	5 00
Kennebec Ice Company	Ice	11 70
J. L. Savage	Brush, &c.	1 25
W. H. Boyd	Directory	5 00
L. Williams	Boxes	2 00
W. Choate & Co	Stationery	15 51
Do	do	1 22
W. H. Dempsey	do	42 50
George W. Simms	Washing towels	6 00
C. H. Middleton	Car-tickets	5 00
Kennebec Ice Company	Ice	11 70
Lemmel Williams	Boxes	7 50
W. Choate & Co	Stationery	2 75
H. Jacobs	Pens	10 00
John Lockie	Directory	5 00
C. H. Middleton	Car-tickets	1 00
L. R. Jones	Awnings	17 00
John Disturnell	United States Register	1 50
W. H. Dempsey	Stationery	104 60
Henry Dorkings	Labor	10 00
C. H. Middleton	Cartage	5 00
W. W. Farr	Care of clocks	10 80
Lorenzo Rice	Cleaning carpets	10 60
Levi Curry	Book-case	25 00
W. H. Dempsey	Stationery	70 00
E. M. Whitaker	do	76 30
George W. Simms	Washing towels	6 00
John Alexander	Window-shade	4 75
Kennebec Ice Company	Ice	12 52

No. 8.—*Report of expenditures of contingent office-expenses of Bureau of Ordnance—Continued.*

Name.	Article.	Amount.
S. T. Ellis.....	Car-tickets.....	\$0 69
C. H. Emmerson & Co.....	Subscription to Business Guide.....	5 00
G. W. Simms.....	Transportation.....	1 00
C. H. Middleton.....	Car-tickets.....	5 00
George W. Simms.....	Washing towels.....	6 00
William Dorking.....	Laying carpets.....	10 00
Dennis Reiley.....	Fire-lighters.....	10 00
Kennebec Ice Company.....	Ice.....	14 15
L. R. Jones.....	Awning-work.....	3 00
H. O. Towles.....	Repairing chair.....	3 00
W. H. Dempsey.....	Stationery.....	51 70
L. Williams.....	Weather-strips.....	12 00
E. M. Whitaker.....	Stationery.....	61 58
Total.....		806 29

No. 9.—*Report of expenditures of contingent office-expenses Bureau of Medicine and Surgery.*

FROM DECEMBER 1, 1875, TO NOVEMBER 30, 1876.

Name.	Article.	Amount.
Dennis Reiley.....	Kindling-wood.....	\$5 00
W. Choate & Co.....	Stationery.....	11 80
Kennebec Ice Company.....	Ice.....	12 48
W. Choate & Co.....	Stationery.....	25 70
W. H. Boyd.....	Directory.....	5 00
J. W. Gainer.....	Repairing dating-stamp.....	2 75
W. Choate & Co.....	Stationery.....	19 13
James Kelly.....	Buckets.....	4 25
W. Choate & Co.....	Stationery.....	12 16
Do.....	do.....	8 75
W. W. Farr.....	Care of clocks.....	16 45
D. Carrigan.....	Car-tickets.....	8 92
M. B. Clark.....	Washing towels, car-tickets, &c.....	11 00
Dennis Reiley.....	Fire-kindlers.....	5 00
M. B. Clark.....	Laying carpets.....	9 00
Luke Jones.....	Awning-work.....	4 50
H. L. Pelouze & Co.....	Type.....	3 00
H. Jacobs.....	Pens.....	5 00
E. M. Whitaker.....	Stationery.....	26 75
Total.....		196 64

No. 10.—*Report of expenditures of contingent Navy Department building.*

FROM DECEMBER 1, 1875, TO NOVEMBER 30, 1876.

Name.	Article.	Amount.
Washington Gas-Light Company..	Gas.....	\$79 75
William Hounschild.....	Black cambrio.....	17 20
James Kelly.....	Repairing furnace.....	10 00
John Walker.....	Charcoal.....	11 00
R. W. Waters.....	Painting, glazing, &c.....	36 90

No. 10.—*Report of expenditures of contingent Navy Department building—Continued.*

Name.	Article.	Amount.
John Walker	Charcoal	\$3 94
C. H. Lake	Manuring Department grounds	14 04
J. B. Granwell	Repairing pump	2 54
J. W. Walker	Charcoal	12 71
Alec. Moulton	Hauling ashes	4 24
James Kelly	Repairing registers	6 14
Thenet Bros	Chairs	65 29
Washington Gas-Light Company	Gas	93 24
William Hounschild	Hanging shades, laying matting	26 24
James Kelly	Laying zinc	6 04
E. H. Cole	Carpentering	139 54
J. F. Sanner	do	117 74
Kennebec Ice Company	Ice	29 94
William Thompson	Repairing fire-places	7 04
Benjamin Waynes	Charcoal	6 00
Augustus Kritter	Plastering	24 04
William Herbert	Care of water-closets	25 04
Washington Gas-Light Company	Gas	90 75
John Walker	Charcoal	7 55
A. R. Shepherd & Co	Plumbing	117 24
Benjamin Wade	Charcoal	12 24
Washington Gas-Light Company	Gas	94 20
William Dodson	Plastering	10 20
John Walker	Charcoal	5 04
Washington Gas-Light Company	Gas	90 04
Stephenson & Bro	Wood	65 24
Benjamin Waynes	Charcoal	10 04
Alec. Moulton	Removing ashes	7 04
James Kelly	Repairing sky-lights	5 04
E. H. Cole	Carpentering	15 04
A. R. Shepherd & Co	Plumbing	41 04
E. H. Cole	Carpentering	11 34
L. R. Jones	Awning-work	13 75
Stephenson & Bro	Wood	42 50
George W. Chamberlain	Painting	34 25
Washington Gas-Light Company	Gas	79 25
do	do	63 52
Chronicle Publishing Company	Advertising	71 04
W. S. Thompson	Carbolic camphor	2 25
Mrs. W. H. Godey	Lime	2 04
James Kelly	Zinc	18 04
Evening Star	Advertising	43 04
J. W. Boteler & Bro	Broom, water-cooler, &c	25 04
William Herbert	Care of water-closets	25 04
Daily Critic	Advertising	13 04
National Republican	do	4 04
G. W. Goodall	Hydrant, &c	52 24
Sunday Herald	Advertising	20 25
T. M. Shepherd	Plumbing	22 24
Washington Gas-Light Company	Gas	43 24
L. R. Jones	Awning	15 04
T. M. Shepherd	Iron pipe, &c	110 75
James Kelly	Work on zinc, and material	7 71
G. W. Chamberlain	Painting	23 24
W. S. Mitchell	Carpeting	221 14
Washington Gas-Light Company	Gas	41 44
Stephenson & Bro	Coal	65 12
Washington Gas-Light Company	Gas	25 44
James Kelly	Pipe, repairing roof, &c	17 54
Benjamin Waynes	Charcoal	10 04
James Kelly	Repairing spouts, &c	3 25
Charles Moulton	Hauling ashes	3 25

No. 10.—*Report of expenditures of contingent Navy Department building—Continued.*

Name.	Article.	Amount.
James Kelly	Repairs to building.....	\$10 00
Robert Brent.....	Sweeping chimneys.....	36 00
Washington Gas-Light Company..	Gas	51 53
James Kelly.....	Repairing stoves.....	8 25
L. R. Jones	Awning-work	11 00
H. W. Cockrill	Charcoal	20 65
J. F. B. Purcell	Pump	15 00
Benjamin Waynes	Charcoal	13 20
Thomas M. Shepherd.....	Plumbing	56 72
Stephenson & Bro.....	Wood	1,040 86
Benjamin Waynes	Charcoal	12 30
G. G. C. Simms	Disinfecting powders.....	2 75
Washington Gas-Light Company..	Gas	58 73
H. W. Cockrill.....	Charcoal	15 00
Total .....	.....	4,723 26

No. 1.—*Statement of expenditures from appropriation contingent Navy, incurred and paid at the various Navy pay-offices of the United States from December 1, 1875, to June 30, 1876, and from July 1, 1876, to December 1, 1876.*

NAVY PAY-OFFICE, PORTSMOUTH, N. H.

* *From December 1, 1875, to August 31, 1876.—Paymaster A. J. Clark.*

Salaries of clerk, messenger, fuel, stationery, and incidental expenses..... \$748 52

NAVY PAY-OFFICE, BOSTON.

*Pay-Director C. W. Abbot.*Salaries of clerks, messenger, fuel, stationery, and incidental expenses..... \$4,032 80
Advertising 71 50 |

From July 1, 1876, to December 1, 1876.—Pay-Director C. W. Abbot and Pay-Inspector G. E. Thornton.

Salaries of clerks, messenger, fuel, stationery, and incidental expenses..... \$2,787 27
Expenses of courts-martial, courts of inquiry, and traveling-expenses..... 80 50

NAVY PAY-OFFICE, NEW YORK.

From December 1, 1875, to June 30, 1876.—Pay-Director George F. Cutter.

Salaries of clerks, messenger, fuel, stationery, and incidental expenses..... \$6,372 02
Expenses of courts-martial, courts of inquiry, and witnesses' fees..... 190 25
Advertising 337 60 |

American Bank-Note Company, commissions, &c 445 50 |

From July 1, 1876, to December 1, 1876.—Pay-Director George F. Cutter.

Salaries of clerks, messenger, fuel, stationery, and incidental expenses..... \$4,796 55
Expenses of courts-martial, courts of inquiry, witnesses' fees, and traveling-expenses..... 326 00
Advertising 261 40 |

* Office discontinued August 31, 1876.

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NAVY PAY-OFFICE, PHILADELPHIA.

From December 1, 1875, to June 30, 1876.—Pay-Inspector A. W. Russell.

Salaries of clerks, messenger, fuel, stationery, and incidental expenses.....	\$5,501 87
Advertising.....	201 27
Telegrams, (domestic).....	51 78

From July 1, 1876, to December 1, 1876.

Salaries of clerks, messenger, fuel, stationery, and incidental expenses.....	4,179 52
Newspapers and advertising.....	275 50
Telegrams, foreign and domestic.....	27 00
Expenses of courts-martial, clerk's services.....	24 00

NAVY PAY-OFFICE, BALTIMORE.

From December 1, 1875, to June 30, 1876.—Pay-Director T. H. Looker.

Salary of messenger, fuel, stationery, and incidental expenses.....	\$147 95
Expenses of courts-martial, witnesses' fees, and traveling-expenses.....	83 45

From July 1, 1876, to December 1, 1876.

Salary of messenger, fuel, stationery, and incidental expenses.....	166 53
Expenses of courts-martial, witnesses' fees, and traveling-expenses.....	45 10

NAVY PAY-OFFICE, WASHINGTON.

From December 1, 1875, to June 30, 1876.—Pay-Inspector W. W. Williams.

Salaries of clerks, messenger, fuel, stationery, and incidental expenses.....	\$5,720 96
Services of special watch, including captain, lieutenant, watchmen, and laborers, viz:	

George E. Tyson, captain, 183 days	\$549 00
A. P. Cunningham, lieutenant, 30 days	75 00
James Donnelly, 92 days.....	184 00
W. R. Brown, 8 days.....	16 00
L. Jones, 122 days.....	244 00
J. P. Lucas, 183 days.....	366 00
N. Lowe, 49 days.....	98 00
S. D. McCormick, 122 days	244 00
A. O. Neal, 122 days.....	244 00
P. Quirk, 122 days	244 00
R. Slater, 121 days.....	242 00
A. Skinner, 122 days	244 00
R. W. Waters, 24 days	48 00
	<hr/>
	2,796 00

Expenses of courts-martial, courts of inquiry, examining-boards, witnesses' fees, and traveling-expenses	2,849 54
Stationery and recording	100 00
Newspapers and advertising	1,886 22
Repairs to mail-wagon, livery, &c.....	62 75
Telegraphing, foreign and domestic	1,569 29
Services in compiling records of Arctic Expedition	500 00
Books, laws, circulars, and general orders for the use of the Navy.....	1,483 34

From July 1, 1876, to December 1, 1876.

Salaries of clerks, messenger, fuel, stationery, and incidental expenses.....	2,311 47
Services of special watch, including captain, watchmen, and laborers, viz:	

George E. Tyson, captain, 62 days.....	\$186 00
W. R. Brown, 57 days	114 00
James Donnelly, 46 days.....	92 00
L. R. Jones, 62 days.....	124 00

Services of special watch, &c.—Continued.

James Lipscomb, 53 days	\$106 00
J. P. Lucas, 31 days	62 00
John Lucas, 31 days	62 00
A. O. Neal, 46 days	92 00
P. Quirk, 62 days	124 00
J. H. Reinburg, 46 days	92 00
A. Skinner, 31 days	62 00
R. W. Waters, 31 days	62 00
	<hr/>
	\$1,178 00
Expenses of courts-martial, courts of inquiry, examining-board, witnesses' fees, and traveling-expenses	2,129 15
Stationery and recording	16 25
Newspapers and advertising	3,610 38
Repairs to mail-wagon, livery, &c	171 15
Telegraphing, foreign and domestic	476 99
Services in compiling records of Arctic Expedition	250 00
Books, laws, circulars, and general orders for use of the Navy	505 36

NAVY PAY-OFFICE, SAN FRANCISCO.

From December 1, 1875, to June 30, 1876.—Pay-Director John S. Cunningham.

Salaries of clerks, messenger, fuel, stationery, and incidental expenses	\$2,018 46
Expenses of courts-martial, courts of inquiry, witnesses' fees, and traveling-expenses	1,257 40

** From July 1, 1876, to October 1, 1876.*

Salaries of clerks, messenger, fuel, stationery, and incidental expenses	2,428 08
Expenses of courts-martial, courts of inquiry, witnesses' fees, and traveling-expenses	695 81

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1877.*

FROM JULY 1 TO NOVEMBER 30, 1876.

To whom paid.	For what purpose.	Amount.
John F. Ellis & Co	Instruction-books	\$12 60
National Republican	Advertising	22 50
Chronicle Publishing Company	do	22 50
Evening Star	do	16 00
Daily Critic	do	9 00
United States Shipping Commissioner	Enlistment-fees	126 00
Army and Navy Journal	Subscription	6 00
Borden & Lovett	Freight	4 00
L. Kennecke	Rent of rendezvous	37 32
Pacific Mail Steamship Company	Transportation	2,935 00
W. M. Palmer	Freight	55
P. McMahon	Subsistence	105 00
Steamer Lady of the Lake	Freight	11 25
Baltimore Steam-Packet Company	Transportation	4 00
Pennsylvania Railroad Company	do	2 65
H. H. Gorringe	Expenses	5 25
F. V. Walker	Transportation	18 00
The Graphic	Subscription	12 00
C. C. Fulton & Son	Advertising	8 50
Norfolk Day Book	do	8 50
James Hanlon	Transportation	49 45
Old Dominion Steamship Company	do	14 00

* No returns received since October 1, 1876.

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1877—Continued.*

To whom paid.	For what purpose.	Amount.
Old Colony Steamboat Company	Transportation	\$4 00
Borden & Lowell	Freight	7 42
Port Royal Railroad Company	Transportation	166 25
New York and Port Royal Steamship Company	do	10 00
Port Royal Railroad Company	Freight	6 43
S. B. Luce	Photo-opticon	102 35
George H. Peters	Expenses	35 37
Pennsylvania Railroad Company	Transportation	5 30
William P. Clyde & Co	Freight	3 50
New York Republican	Advertising	8 80
Army and Navy Journal	do	16 90
Commercial Advertiser	do	17 60
Maritime Register	do	30 00
The Graphic	do	19 20
North American and United States Gazette	do	22 20
Evening Bulletin	do	20 20
Clark & Seaman	Freight	17 20
Norfolk Day Book	Advertising	6 00
P. McMahon	Subsistence	37 00
Pacific Mail Steamship Company	Transportation	260 00
Do	do	520 00
F. V. Walker	do	7 50
Western Union Telegraph Company	Telegraphing	23 58
G. E. Tyson	Services	90 00
Eastern Railroad Company	Transportation	4 15
Cyrus H. Hobbs	do	49
Maritime Register	Advertising	18 00
Army and Navy Journal	do	15 00
The Graphic	do	16 20
Commercial Advertiser	do	16 20
C. H. Malloy & Co	Freight	1 70
New York Herald	Subscription	12 00
The City Item	Advertising	50 40
North American and United States Gazette	do	46 20
The Press	do	15 76
Evening Bulletin	do	47 40
G. L. Conner	Transportation	109 00
N. L. McCready	do	182 00
L. F. Braine	do	11 25
C. H. Mallory & Co	Freight	1 90
Boston Globe	Advertising	10 00
Boston Transcript	do	10 00
Boston Advertiser	do	9 38
William P Eddy	Transportation	6 00
Do	do	6 00
Do	do	6 00
Do	do	6 00
Do	do	6 00
Do	do	15 00
Do	do	5 00
Do	do	12 00
Do	do	11 00
Do	do	6 00
Do	Freight	1 10
Do	do	25 71
Steamer Roman	do	25 46
Steamer S. J. Macy	Services	10 00
Steamer Lady of the Lake	Freight	7 50
F. V. Walker	Transportation	10 00

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1877—Continued.*

To whom paid.	For what purpose.	Amount.
F. V. Walker	Car and ice tickets	\$9 75
Western Union Telegraph Company ..	Telegraphing	15 36
Atlantic and Pacific and Franklin Telegraph Company ..	do	4 46
W. P. Clyde & Co.	Freight	1 30
Old Dominion Steamship Company	Transportation	350 00
G. L. Conner	do	320 00
P. M. Mahon	Subsistence	16 50
Do	do	1 75
Pacific Mail Steamship Company	Transportation	60 44
Do	do	424 24
Do	Freight	8 38
Clark & Seaman	do	2 82
J. L. Gulick	Transportation	19 67
William H. Arthur & Co.	Printing	3 75
The Graphic	Advertising	15 60
New York Daily Times	do	16 20
Commercial Advertiser	do	15 00
G. W. Knox	Hauling	5 97
Do	do	1 97
Pennsylvania Railroad Company	Transportation	10 60
William P. Clyde & Co.	Freight	9 05
Do	do	55
J. R. Gillett	Auction-fers	8 41
Old Dominion Steamship Company	Transportation	231 00
James Hanlon	do	23 55
Patrick Galliles	Ice	7 40
William J. Sangston	Transportation	7 00
Steamer William Crane	do	528 00
William P. Eddy	do	6 00
Do	do	6 00
Do	do	6 00
Do	do	12 00
Do	Freight	75
Do	do	8 08
Do	do	58 66
California Pacific Railroad Company ..	Transportation	51 40
Do	do	6 59
Do	do	10 99
Do	do	21 92
Pacific Mail Steamship Company	Freight	521 81
Evening Bulletin	Advertising	42 00
Pennsylvania Railroad Company	Transportation	10 60
Adams Express Company	do	62 20
Atlantic and Pacific and Franklin Telegraph Company ..	Telegraphing	3 03
G. W. Knox	Freight	1 37
G. E. Tyson	Services	93 00
Do	do	90 00
Western Union Telegraph Company ..	Telegraphing	16 84
M. V. B. Jordan	Freight	43 00
L. G. Billings	Expenses of recruiting	10 00
H. M. Denniston	do	72 00
Do	do	75 00
Do	do	78 00
Do	do	78 00
Russell & Co.	Freight	2 14
Jos. Azzopardi & Co.	Removing ashes	1 95
Cowanjee Dinshaw & Bro.	do	5 35
Pacific Steam Navigation Company	Transportation	88 53
I. S. Thompson	Expenses	9 44
N. D. Greene	do	22 24

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1877—Continued.*

To whom paid.	For what purpose.	Amount.
T. S. Thomson	Telegrams.....	\$16 46
Do.....	Postage.....	25 12
Police department.....	Apprehension.....	19 47
Do.....	do.....	19 30
Do.....	do.....	19 30
Do.....	do.....	19 30
Do.....	do.....	19 30
Do.....	do.....	19 30
Do.....	do.....	19 30
Lanosa & Gambau.....	Removing ashes.....	8 99
Police department.....	Apprehension.....	97 30
Do.....	do.....	77 84
C. Thomas.....	Transportation.....	47 89
Edward Heffer.....	Removing ashes.....	10 00
M. Martin.....	Washing.....	3 30
G. C. Goodloe.....	Transportation.....	35 25
James Francis.....	Removing ashes.....	12 00
P. Campo.....	Services.....	16 98
A. Camerio.....	do.....	155 64
J. M. Finn.....	Apprehension.....	10 00
T. J. Sanborn.....	do.....	14 34
Pacific Steam Navigation Company.....	Transportation.....	89 23
Do.....	do.....	356 92
E. M. Hughes.....	Washing.....	11 50
John A. Selmer.....	Transportation.....	12 50
M. E. Chadwick.....	Apprehension.....	31 00
J. H. Porter.....	do.....	10 00
Hy Sly.....	Lighterage.....	3 00
R. Curtis.....	Apprehension.....	20 00
Patrick Kennedy.....	do.....	10 00
Thomas J. Meaney.....	do.....	20 00
L. N. Adams.....	do.....	20 00
John Smith.....	Recovering boat.....	5 00
J. Baumgartner.....	Transportation.....	9 50
T. C. Metzler.....	Apprehension.....	42 00
Do.....	do.....	35 75
R. Secondo.....	do.....	67 55
William T. Rice.....	Removing ashes.....	8 80
Levi Hallowell.....	do.....	15 00
Pacific Mail Steamship Company.....	Transportation.....	250 00
Do.....	do.....	610 00
Oahu Police.....	Apprehension.....	130 00
Do.....	do.....	77 00
Pacific Mail Steamship Company.....	Transportation.....	40 00
Oahu Police.....	Apprehension.....	175 00
Do.....	do.....	44 20
Gazzi.....	do.....	22 25
C. Boer.....	do.....	72 17
Mayer.....	do.....	75 25
Gazzi.....	do.....	9 65
Seven.....	do.....	24 25
G. Luigi.....	do.....	86 55
D. E. Oreste.....	do.....	19 30
Mayens.....	do.....	57 20
V. Enrico.....	do.....	28 25
G. Luigi.....	do.....	106 15
F. Cibo & Co.....	Removing ashes.....	10 73
D. E. Oreste.....	Apprehension.....	42 25
S. T. Trowbridge.....	do.....	14 12
G. Butler.....	Removing ashes.....	2 00
James Doran.....	Transportation.....	44 55
A. H. Porter.....	do.....	3 50

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1877—Continued.*

To whom paid.	For what purpose.	Amount.
A. H. Porter	Transportation	\$1 75
G. P. Hinckley	Apprehension	19 00
Pacific Mail Steamship Company	Transportation	100 00
E. B. Dalton	Services	100 75
Total .....	.....	12,817 24

Payments under appropriation contingent Equipment and Recruiting, 1876.

FROM DECEMBER 1, 1875, TO JUNE 30, 1876.

To whom paid.	For what purpose.	Amount.
Pennsylvania Railroad Company	Transportation	\$164 75
Philadelphia, Richmond, and Norfolk Steamship Line.	do	102 00
E. H. Gheen	Expressage	5 00
Charles Fraser	Freight	10 30
J. D. Rode	Expressage	65 00
William P. Eddy	Transportation	20 00
Do	do	1 70
J. B. Carpenter, agent	do	108 00
Old Dominion Steamship Company	Freight	2 00
Do	Transportation	168 00
Charles Fraser	Freight	70 84
C. A. Whitney & Co.	do	13 00
Tng Clara Bateman	Transportation	25 00
W. P. Eddy	do	1 70
Do	do	1 70
Adams Express Company	do	134 00
Warren Choate & Co.	Printing certificates	384 84
Inland and Seaboard Coasting Company.	Freight	92 69
George W. Knox	Hauling	6 68
Western Union Telegraph Company ..	Telegraphing	98 80
Do	do	25 74
F. V. Walker	Transportation	16 45
Do	do	7 50
Do	do	7 50
Do	do	7 50
J. B. Carpenter, agent	do	686 45
The New Republic	Advertising	82 40
S. C. Cook	Commissions	18 20
Pennsylvania Railroad Company	Transportation	12 75
C. W. Rnschenberger	Expenses	48 10
Annie Ziegler	Washing	3 12
Charles Fraser	Freight	12 00
Do	do	33 82
James Hanlon	Transportation	7 55
William P. Eddy	do	1 70
Do	do	141 00
Do	do	1 70
Do	do	10 00
Do	do	1 70
Do	do	1 70
Do	do	3 40
Do	do	1 70
Do	do	26 85
Do	do	11 20
Steamer Norman	do	107 46

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1876—Continued.*

To whom paid.	For what purpose.	Amount.
P. O. Riordan	Transportation	\$10 17
J. B. Carpenter	do	54 00
E. H. Gheen	Expenses	5 04
Charles Fraser	Freight	411 00
J. P. Morse	do	7 15
George W. Knox	Hauling	8 80
Do	do	3 50
Do	do	1 30
Do	do	1 20
Atlantic, Pacific, and Franklin Tele- graph Company	Telegraphing	50
Western Union Telegraph Company	do	45 95
G. H. Creed	Ferry-tickets	27 00
C. H. Mallory & Co	Freight	102 04
Do	do	8 92
C. H. Hobbs	do	2 37
Pennsylvania Railroad Company	Transportation	15 25
Charles Fraser	Freight	5 42
Old Dominion Steamship Company	Transportation	70 00
H. J. Bullay	Freight	262 00
Inland and Seaboard Coasting Company	do	680 06
Adams Express Company	do	4 90
F. V. Walker	Transportation	14 25
Clarke & Seaman	do	1,525 00
H. Gelpcke, agent	Freight	1 60
H. J. Bullay	do	901 17
Ludwig Goetz	do	10 10
Portsmouth Bridge Company	Tickets	1 60
Borden & Lovell	Freight	1 32
Old Dominion Steamship Company	do	29 20
California Pacific Railroad Company	Transportation	21 90
Do	do	23 32
Do	do	28 45
Francis & Valentine	Printing	27 26
John G. Hodge & Co	Stationery	55 35
L. Kennecke	Rent of rendezvous	90 91
Do	do	89 91
Do	do	83 45
P. McMahon	Subsistence	10 00
Pacific Mail Steamship Company	Transportation	125 00
Do	Freight	23 57
Do	Transportation	150 29
Do	do	73 56
Do	do	302 34
Do	do	74 93
Grand Junction Railroad Company	Freight	2 60
Steamer Saxon	do	23 75
W. P. Eddy	Transportation	1 70
Do	do	1 70
Do	do	139 00
Do	do	3 40
Do	Freight	2 10
Do	do	2 91
Do	do	75
Do	do	75
Adams Express Company	do	14 75
Do	do	23 75
George W. Knox	Hauling	4 00
Do	do	1 25
Do	do	1 00
Steamer Lady of the Lake	Freight	81 15
Inland and Seaboard Coasting Company	do	341 95
Do	Transportation	4 00
F. V. Walker	do	6 00

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1876—Continued.*

To whom paid.	For what purpose.	Amount.
F. V. Walker	Transportation	\$1 15
Western Union Telegraph Company ..	Telegraphing	16 15
Pennsylvania Railroad Company	Transportation	35 75
Eastern Railroad Company	do	40 30
A. J. French	do	6 85
A. F. Gomez	Expenses	5 00
Pacific Mail Steamship Company	Transportation	220 34
Do	do	220 34
G. D. Rode	do	44 00
H. Gelpcke	Freight	2 40
A. H. Ward, agent	do	8 66
Old Dominion Steamship Company	Transportation	567 00
Do	Freight	1 10
Simenson & Howes	do	61 50
California Pacific Railroad Company ..	Transportation	61 02
L. Kennecke	Rent of rendezvous	96 65
P. McMahon	Subsistence	7 00
Pacific Mail Steamship Company	Transportation	73 86
Do	Freight	254 10
Old Dominion Steamship Company	do	51 90
Philadelphia, Wilmington and Baltimore Railroad Company ..	Transportation	161 20
Baltimore and Potomac Railroad Company ..	do	3 20
F. V. Walker	Car-tickets	5 00
Do	Transportation	4 00
Philadelphia, Wilmington and Baltimore Railroad Company ..	do	244 50
W. P. Hyde & Co.	Freight	2 01
William Bumm & Son	Wharfage	324 00
Philadelphia, Wilmington and Baltimore Railroad Company ..	Transportation	163 00
H. C. Nields	do	30 90
Tug Young America	Towing	10 00
Pennsylvania Railroad Company	Transportation	9 25
E. H. Gheen	do	13 50
Fabbri & Chauncey	Freight	2,192 25
C. H. Mallory & Co.	do	97 40
A. H. Ward, agent	do	3 02
Old Dominion Steamship Company	Transportation	196 00
United States Shipping Commissioner ..	Enlistment-fees	524 00
Steamer William Lawrence	Freight	1 77
Do	do	8 30
Do	do	19 02
William P. Eddy	Transportation	1 70
Do	do	1 70
Do	do	18 00
Do	do	5 00
Do	Freight	12 13
Old Colony Railroad Company	do	136 95
Baltimore and Potomac Railroad Company ..	do	9 62
G. W. Knox	do	90
Western Union Telegraph Company ..	Telegraphing	13 75
Clark & Seaman	Freight	12 65
C. H. Mallory & Co.	do	22 00
H. J. Bullay, superintendent	do	43 60
Franklin Telegraph Company	Telegraphing	69
Western Union Telegraph Company ..	do	16 58
W. P. Clyde & Co.	Freight	14 40
Baltimore and Norfolk Steamship Company ..	Transportation	119 10

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1876—Continued.*

To whom paid.	For what purpose.	Amount.
William P. Eddy	Transportation	\$240 00
Do	Freight	60
Do	do	3 10
Do	Transportation	3 40
Eastern Railroad Company	do	40 30
Do	do	15 15
Do	do	3 87
Do	do	1 73
Do	do	1 59
F. B. Nicol & Co	Freight	34 75
Old Dominion Steamship Company	do	9 90
Do	Transportation	7 00
L. Kuennecke	Rent of rendezvous	87 50
California Pacific Railroad Company	Transportation	15 82
Pacific Mail Steamship Company	do	65 00
Do	do	130 00
Do	do	130 00
F. V. Walker	do	7 50
Do	do	4 50
Pennsylvania Railroad Company	do	13 75
W. R. Garrison, agent	Freight	81 27
J. L. Roome, jr., agent	do	7 00
James Hanlon	Transportation	5 50
Old Dominion Steamship Company	do	329 00
Do	Freight	5 20
F. H. Jordan	do	21 00
Merchants' and Miners' Transportation Company	Transportation	10 00
Adams Express Company	do	4 65
F. V. Walker	do	24 75
Do	do	7 50
Do	do	7 50
Inland and Seaboard Coasting Company	Freight	42 05
Do	do	42 05
George W. Knox	do	19 10
W. R. Brown	Services	60 00
Western Union Telegraph Company	Telegraphing	45 00
George W. Knox	Hauling	102 00
Do	do	12 00
Do	do	3 57
F. V. Walker	Transportation	7 50
Washington City Post-Office	Foreign postage	19 11
Western Union Telegraph Company	Telegraphing	10 15
F. V. Walker	Transportation	1 50
Pennsylvania Railroad Company	do	11 00
W. P. Hyde & Co	do	25 27
Merchants' and Miners' Transportation Company	Freight	14 65
James Hanlon	Transportation	135 90
C. H. Mallory & Co	Freight	15 36
W. R. Garrison, agent	do	13 40
A. H. Ward, agent	do	57
Eastern Railroad Company	do	6 20
Do	do	1 70
M. V. B. Jordan	do	45 00
W. P. Eddy	do	40
Do	do	60
Do	Transportation	1 70
Do	do	1 70
Do	do	1 70
Do	do	1 70

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1876—Continued.*

To whom paid.	For what purpose.	Amount.
W. P. Eddy	Transportation	\$1 70
Do	do	1 70
Do	do	1 70
Do	do	31 75
Metropolitan Steamship Company	do	498 00
A. H. Ward, agent	Freight	1 43
C. H. Mallory & Co.	do	4 20
Anthony & Chew	General average	33 98
W. R. Garrison, agent	Freight	1 75
Benner & Pinkney	do	23 40
A. Groves, jr., agent	do	4 24
W. R. Brown	Services	62 00
Great Falls Ice Company	Ice	10 00
G. W. Knox	Hauling	47 12
Do	Freight	6 61
National Republican	Advertising	39 75
F. V. Walker	Transportation	29 25
Charles Fraser	Freight	387 00
Old Dominion Steamship Company	do	6 00
Thomas Norton & Co.	do	12 25
G. D. Rode	do	44 00
Pennsylvania Railroad Company	Transportation	103 35
Western Union Telegraph Company	Telegraphing	26 84
Atlantic and Pacific and Franklin Telegraph Company.	do	1 00
Do	do	15 11
W. R. Brown	Services	60 00
National Republican	Subscription	8 00
California and Pacific Railroad Com- pany.	Freight	6 12
Do	Transportation	16 85
Do	do	33 99
Do	do	24 58
Daily Morning Call	Advertising	11 14
L. Kennecke	Rent of rendezvous	80 90
Do	do	86 03
Do	do	96 32
Do	do	95 82
P. McMahon	Subsistence	4 00
Do	do	13 00
Pacific Mail Steamship Company	Transportation	150 00
Do	do	65 00
Williams, Blanchard & Co.	do	61 79
Pennsylvania Railroad Company	do	5 30
W. P. Eddy	do	1 70
Do	do	1 70
Do	do	1 70
Do	do	1 70
The Graphic	Advertising	16 80
Messenger Franco-American	do	29 00
Commercial Advertiser	do	16 80
New York Republican	do	21 60
Adams Express Company	Transportation	50
Western Union Telegraph Company	Telegraphing	10 47
Port Royal Railroad Company	Transportation	247 00
New York and Potomac River Steam- ship Company.	do	50 00
Atlantic and Pacific and Franklin Telegraph Company.	Telegraphing	4 46
C. P. Wallach	Expenses of recruiting	135 00
W. W. Woodhull	do	145 00
F. H. Arms	do	130 00

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1876—Continued.*

To whom paid.	For what purpose.	Amount.
C. Schenck.....	Expenses of recruiting.....	\$158 00
H. M. Denniston.....	do.....	135 00
W. W. Woodhull.....	do.....	140 00
C. P. Wallach.....	do.....	135 00
C. Schenck.....	do.....	155 00
W. W. Woodhull.....	do.....	50 00
H. M. Denniston.....	do.....	125 00
C. P. Wallach.....	do.....	25 00
C. Schenck.....	do.....	150 00
H. M. Denniston.....	do.....	135 00
C. P. Wallach.....	do.....	50 00
W. W. Woodhull.....	do.....	54 00
C. Schenck.....	do.....	60 00
W. W. Woodhull.....	do.....	130 00
H. M. Denniston.....	do.....	125 00
C. Schenck.....	do.....	60 00
L. G. Billings.....	do.....	50 00
Do.....	do.....	50 00
C. Schenck.....	do.....	85 00
H. M. Denniston.....	do.....	135 00
W. W. Woodhull.....	do.....	14 00
Do.....	do.....	115 00
H. M. Denniston.....	do.....	130 00
L. G. Billings.....	do.....	50 00
C. Schenck.....	do.....	142 00
Mitsu Bishi Mail Steamship Company.....	Transportation.....	140 00
Pacific Mail Steamship Company.....	do.....	50 00
J. J. Philbert.....	Hauling.....	326 90
G. W. Smith & Co.....	Removing ashes.....	5 00
Maryland Steamboat Company.....	Freight.....	8 00
Do.....	do.....	8 10
Western Union Telegraph Company.....	Telegraphing.....	5 00
R. R. Rundle.....	Freight.....	11 50
M. E. Hughes.....	Washing.....	9 00
P. W. Harbin.....	Apprehension.....	10 00
C. C. Fulton.....	Advertising.....	6 15
Baltimore G. R. Company.....	do.....	6 00
A. S. Abell & Co.....	do.....	15 25
F. Raim.....	do.....	15 00
J. Henderson.....	Wharfage.....	27 00
A. S. Abell & Co.....	Advertising.....	15 00
E. R. Feudall.....	Expenses.....	4 00
H. Stevens.....	Removing ashes.....	9 75
Do.....	do.....	9 75
Froomberg and Winn.....	Recruiting-expenses.....	197 00
W. D. Evans.....	Lighterage.....	17 40
C. W. Bartlett.....	Transportation.....	1 00
Do.....	do.....	25 00
Do.....	do.....	62 00
Hawaiian government.....	Rent.....	150 00
J. B. Angle.....	Apprehension.....	49 10
J. H. Pumphrey.....	do.....	40 00
Norfolk News Company.....	Slates.....	4 00
G. W. Smith & Co.....	Lighterage.....	2 00
C. W. Phillips.....	Transportation.....	7 00
J. Heyer.....	Advertising.....	14 00
Baltimore Steam-Packet Company.....	Freight.....	2 20
Baltimore Sun.....	Advertising.....	15 00
P. Peterson.....	Lighterage.....	13 00
J. Henderson.....	Wharfage.....	4 00
J. Heyer.....	Advertising.....	14 00

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1876*—Continued.

To whom paid.	For what purpose.	Amount.
Cushings & Bailey.....	Books.....	\$510 51
J. C. Mitchell.....	Apprehension.....	10 00
J. Henderson.....	Wharfage.....	90 00
Baltimore Sun.....	Advertising.....	13 50
Cushings & Bailey.....	Books.....	16 75
Baltimore Steam-Packet Company.....	Freight.....	1 73
Baltimore Sun.....	Advertising.....	9 18
J. Henderson.....	Wharfage.....	69 00
P. Peterson.....	Lighterage.....	12 00
J. H. Foster.....	Books.....	210 00
F. H. Hinman.....	Transportation.....	154 00
Boyd & Co.....	Freight.....	9 00
Port Royal Railroad Company.....	do.....	21 42
B. J. Williard.....	Removing ashes.....	5 00
Eastern Railroad Company.....	Freight.....	4 66
Mitsu Bishi Steamship Company.....	Transportation.....	26 00
Do.....	do.....	135 00
Walsh, Hall & Co.....	Rent.....	100 00
H. T. Skelding.....	Expenses.....	49 24
Mitsu Bishi Steamship Company.....	Transportation.....	3 00
Pacific S. M. Company.....	Freight.....	43 87
Do.....	do.....	187 27
D. Botano.....	Apprehension.....	10 00
Pacific S. M. Company.....	Transportation.....	29 16
Do.....	do.....	97 22
Do.....	do.....	91 34
Bryce, Grace & Co.....	Mole-dues.....	166 98
R. P. Rundie.....	Transportation.....	20 00
H. Hamilton.....	Removing ashes.....	10 00
C. Cronin.....	Transportation.....	1 30
Do.....	do.....	1 30
Do.....	do.....	2 60
J. Caire.....	Apprehension.....	115 63
Pacific Mail Steamship Company.....	Transportation.....	100 00
P. O'Reilly.....	Apprehension.....	24 17
F. B. Davis.....	do.....	30 00
Do.....	do.....	34 25
W. J. Barnette.....	Transportation.....	15 12
Steamer Atlas.....	do.....	33 00
King & Son.....	Washing.....	5 00
J. Collins.....	Apprehension.....	6 96
Keyt & Co.....	Posting bills.....	6 78
M. E. Hall.....	Apprehension.....	3 33
H. G. Colby.....	Transportation.....	6 70
Bacon & Co.....	Printing.....	16 31
H. G. Colby.....	Transportation.....	7 34
A. B. Wyckoff.....	Apprehension.....	23 51
H. G. Colby.....	Transportation.....	10 20
C. Vandyke.....	Removing ashes.....	12 00
Morgan Steamship Company.....	Transportation.....	27 50
H. C. Fuller.....	Cartage.....	10 80
Morgan Steamship Company.....	Transportation.....	27 50
Rio Grande Railroad Company.....	do.....	30 00
Do.....	do.....	82 50
Morgan Steamship Company.....	do.....	27 50
Do.....	do.....	300 00
J. Bruneo.....	do.....	98 23
Do.....	do.....	192 78
C. E. Trevor, agent.....	Freight.....	60 31
Do.....	do.....	22 95
G. S. Merrill & Co.....	Advertising.....	3 00
R. M. Pulsifer.....	do.....	1 50
G. S. Merrill & Co.....	do.....	3 00

No. 2.—*Payments under appropriation contingent Equipment and Recruiting, 1876—Continued.*

To whom paid.	For what purpose.	Amount.
J. M. Coombs.....	Advertising	\$1 75
J. D. Baldwin & Co.....	do	3 00
Jackson & Co.....	Expressage	2 50
Do	do	1 50
C. W. Gardner.....	Printing posters.....	4 50
Pacific Mail Steamship Company.....	Transportation	115 00
B. G. Perry.....	do	18 25
J. Baumgartner.....	do	11 60
James Farrell.....	do	9 75
J. F. Elliott.....	do	98 15
W. P. Gaither.....	Freight	3 23
L. Kimball.....	do	1 20
F. Shipley.....	do	7 72
Pappalardo Dominico.....	Apprehension	20 00
Rich & Rimot.....	Freight	2 20
G. A. Smith.....	Apprehension	10 00
D. W. Childs.....	do	10 00
W. A. Washburn.....	do	20 00
A. R. Nichols.....	do	10 00
Asser. Asserson.....	Recovering moorings	16 00
J. W. Williams.....	Services	7 50
Do	do	3 00
W. D. Cash.....	Auction-fees	12 14
E. B. Dalton.....	Services	100 75
A. Lage & Son.....	Rent	980 72
Brazil and R. P. Steamship Company..	Freight	12 64
Palm & Allen.....	Rent	34 29
Walsh, Hall & Co.....	do	100 00
H. T. Skelding.....	Expenses.....	29 08
		29,256 72

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery.*

FROM DECEMBER 1, 1875, TO JUNE 30, 1876.

To whom paid.	For what purpose.	Amount.
J. McMahon	Freight on medical stores.....	\$73 26
Mr. Tobey.....	Washing for sick.....	39 84
G. Domoney & Co	Incidentals at hospital, Yokohama	47 72
John Thornton.....	Laborer at naval dispensary.....	60 00
J. A. Shaw.....	do	60 00
Mrs. Kearney.....	Rent of dispensary.....	40 00
J. H. Bond.....	Laborer.....	60 00
James Minor.....	Janitor at medical examining-board.....	60 00
J. McMahon.....	Assistant packer at laboratory.....	24 65
H. M. Barnes.....	do	24 65
J. McMahon.....	Freight on medical stores.....	39 09
G. A. Shurtleff.....	Care of insane of the Navy	209 32
N. K. Van Reyepen.....	Transportation of insane.....	34 25
George Cass.....	Nurse and watchman.....	20 00
D. Kane.....	Fireman	12 00
Norris Peters.....	Photo-lithographing plans of hospitals.....	29 00
New York Herald.....	Subscription one year	12 00
William Wright.....	Nurse.....	34 00
William Annanias.....	do	34 00
George Cass.....	Nurse and watchman, five days.....	3 33

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery—Continued.*

To whom paid.	For what purpose.	Amount.
Western Union Telegraph Com- pany.	Bureau telegrams	\$2 16
E. H. Adams	Laborer	62 20
J. McMahon	Repairs of microscope	15 00
George Douglass	Nurse at small-pox hospital	10 00
R. E. Anson	Ice for sick at Pensacola	44 61
G. N. Rider	Books for library	14 00
J. H. Tinkham	Transportation of insane	6 25
H. Moody	Repairs of mattresses	31 25
R. S. Bury	Transporting sick man	5 00
Haste & Kirk	Coal	922 65
J. H. Bond	Laborer	62 00
J. Kelly	Repairing stoves	3 25
M. B. Clark	Cartage, &c.	8 00
John Thornton	Laborer	62 00
Mrs. Kearney	Rent of dispensary	40 00
James Shaw	Laborer	62 00
Ice Company	Ice for dispensary	3 50
John Thornton	Washing for dispensary	8 00
E. F. Simpson	Repairing stove	22 50
M. Chambers	Livery of dispensary horse	79 00
H. M. Barnes	Assistant packer at laboratory	25 47
J. McMahon	do	25 47
J. O'Connell	Laborer	99 50
W. H. Dempsey	Stationery	55 35
J. Minor	Janitor	62 00
Daniel Kane	Fireman	18 00
J. McCarthy	Nurse	16 65
W. Hurley	Washing	12 00
L. G. Lewis	do	16 00
D. B. Reed	Transportation of medical stores	10 25
S. A. Brown	Transportation of insane	30 50
Ann Sheely	Washing for the sick	4 00
M. E. Cooper	do	3 10
E. Hodges	do	7 50
M. Russell	do	6 00
Adams Express Company	Expressage	13 15
Ann Rice	Washing for the sick	20 50
M. W. Warren	do	7 50
H. H. Dinning	do	5 00
A. Tunnell	do	5 00
Warren Choate & Co.	Books for medical library	11 00
J. McMahon	Freight on medical stores	60 71
G. W. Child	Horse-feed	67 33
E. Button	Incidentals for dispensary	39 92
Western Union Telegraph Company	Bureau telegrams	13 49
Thomas Hiland	Ice, repairing chair and case at medical board rooms.	12 65
W. Ballantyne	Stationery for medical board	24 23
Thomas Hiland	Cadavers and bucket	104 00
William Turtin	Fireman	25 00
G. E. Franklin	Incidentals	48 38
Do	do	7 00
G. W. Gannaway	Horse-feed, &c.	179 05
J. H. Bellingham	Car-tickets, &c.	11 00
Jeff. Washington	Cleaning water-closets	36 00
M. Dougherty	Washing for the sick	6 00
H. McHatton	Horse-feed	42 52
S. A. H. Marks	Repairing stoves, &c.	8 00
George Watts & Co.	Brushes, &c., for hospital, Washington.	47 42
E. H. Adams	Horse-feed	81 46
R. S. Barry	Washing for the sick	7 00

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery—Continued.*

To whom paid.	For what purpose.	Amount.
American Journal of Pharmacy	Subscription, one year	\$36 00
Kimberly Brothers	Horse-feed, &c	56 25
Gas Company	Gas for hospital, Norfolk	399 20
Taylor & Loyall	Horse-feed, &c	35 00
William Houndschild	Window-shades	11 50
R. Van Brunt	Freight on medical stores	34 77
Peters & Henderson	Vines and roots	18 00
R. Van Brunt	Stain and pipe	5 12
E. W. Nichols	Brooms, brushes, &c	40 95
G. W. Child	Horse-feed	40 61
J. Wellwood & Co	Soft soap	25 00
Gas Company	Gas for hospital, New York	583 50
S. Corry	Office-rent	4 00
William Boothly	Transporting medical stores	36 00
C. J. Gibson	Repairing hydrant	4 00
T. G. H. Dallett	Soap	22 95
D. H. Killock	Horseshoeing	10 00
J. M. Burrows	Sundries	41 14
J. M. Moore	Transportation of insane	94 22
M. J. Wright	Sundries	397 97
J. H. Thatcher	do	10 00
A. J. French	Freight	4 93
Do	do	2 40
N. M. French	Washing for the sick	32 00
Mathis & Co	Sundries	12 13
J. Brownlie	Horse-feed	36 36
John Wanstall	Treatment of horse	5 00
J. A. Shaw	Laborer	62 00
John Thornton	do	62 00
M. M. Kearney	Rent naval dispensary	40 00
Pensacola and Louisville Railroad	Freight	1 50
J. R. Vernon	Shelving	23 57
J. H. Bond	Laborer	62 00
William Turton	do	25 00
J. McMahon	Freight	114 81
Do	Assistant packer	25 47
M. Barnes	do	25 47
William Smith	Fireman	12 00
J. J. McCarthy	Watchman and nurse	20 00
James Minor	Janitor of medical board	62 00
Philadelphia Gas Company	Gas	59 11
William Ballantyne	Books for library	5 00
W. A. Townsend	do	50 66
Western Union Telegraph Company	Telegrams	67
J. F. Tobin	Horse-feed	139 55
William Smith	Fireman at hospital, Philadelphia	3 60
G. W. Child	Horse-feed	10 00
A. Rowan & Co	Books for library	111 82
Thomas P. Jones	Advertising	9 75
J. M. Burrows	Binding medical works	21 25
William H. Hughes	Crockery	26 97
J. H. Bond	Laborer	54 00
C. McK. Oerton	Brushes, &c	13 55
J. A. Shaw	Laborer	58 00
John Thornton	do	58 00
M. M. Kearney	Rent naval dispensary	40 00
James Minor	Janitor medical board	58 00
H. M. Barnes	Assistant packer	23 01
J. McMahon	do	23 01
William Turton	Fireman	25 00
J. E. Smiley	do	13 20
J. McCarthy	Watchman	20 00

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery—Continued.*

To whom paid.	For what purpose.	Amount.
H. O. Houghton & Co	Medical books	\$5 00
Franklin Telegraph Company	Telegrams	2 50
Toby	Washing	42 89
G. Dormony & Co	Incidentals	45 44
William H. Dampsey	Stationery	76 30
Western Union Telegraph Company	Telegrams	6 53
Philadelphia Gas Company	Gas	66 93
John Loner	Repairs to wagon	20 00
R. G. Phelps & Co	Lumber	128 87
J. McMahon	Freight	52 46
J. H. Heynen & Co	Glue pot and heater	6 00
G. W. Child	Horse-feed	28 84
G. F. & W. H. Chandler	Medical books	27 50
William C. Herald	do	67 50
Alex. Hupwood	Fireman	16 32
John Disturell	Register	1 50
J. J. Smiley	Fireman	9 60
John Lockie	Office Directory	5 00
J. M. Moore	Transportation of insane	71 02
T. P. Jones	Advertising	15 76
M. B. Clark	Washing, cartage, &c	11 50
J. H. Bond	Laborer	62 00
M. M. Kearney	Rent naval dispensary	40 00
Washington Gas Company	Gas for dispensary	6 00
W. W. Chambers	Livery of horse	86 75
J. Thornton	Laborer	62 00
J. A. Shaw	do	62 00
H. Thornton	Washing	8 00
H. M. Barnes	Assistant packer	20 00
J. McMahon	do	23 00
Do	Freight	33 19
Kennebec Ice Company	Ice	12 48
J. H. Bellingham	Car-tickets	11 00
Philadelphia Gas Company	Gas	51 82
L. G. Loomis	Washing	16 78
Adams Express Company	Expressage	12 20
D. & L. Leade	Horse-feed	69 78
Chelsea Gas Company	Gas	323 05
John Mulloy	Horseshoeing, &c	17 90
C. C. Thompson	Repairs to harness	69 35
Gifford & Co	Binding	12 50
Swan & Broumbacker	Nails and screws	11 66
Do	Incidentals	9 17
P. Henderson & Co	Garden-seeds, tools, &c	58 70
A. G. Kellogg	Transportation of insane	20 35
F. A. Leach	Binding	25 85
M. J. Wright	Incidentals	360 41
J. Brownlie	Horse-feed	133 42
E. H. Adams	do	58 28
Do	Stowing coal, &c	50 00
Do	Slippers for the sick	30 80
Washington Gas Company	Gas	99 25
N. F. Mathews	Incidentals	19 89
K. M. French	Washing	40 50
Portsmouth Bridge Company	Tolls	3 80
T. P. Jones	Cutting wood	14 00
R. Patterson	Freight	3 00
Taylor & Loyall	Brooms	8 60
J. H. Bond	Laborer	60 00
L. R. Jones	Watchman	60 00
M. M. Kearney	Rent naval dispensary	40 00
J. Thornton	Laborer	60 00

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery—Continued.*

To whom paid.	For what purpose.	Amount.
J. A. Shaw.....	Laborer.....	\$60 00
J. Minor.....	Janitor medical board.....	60 00
J. McMahon.....	Assistant packer.....	23 00
H. M. Barnes.....	do.....	20 00
J. McMahon.....	Freight.....	79 50
Postmaster, Washington.....	Foreign postage.....	14 11
John Rutherford.....	Fireman.....	18 00
William Turtin.....	do.....	25 00
G. E. Franklin.....	Incidentals.....	5 97
Do.....	do.....	71 33
J. Rutherford.....	Fireman.....	9 00
J. J. McCarthy.....	Watchman.....	20 00
M. & A. C. Santos.....	Garden-seed.....	32 00
Norfolk Gas Company.....	Gas.....	222 20
Taylor & Loyall.....	Incidentals.....	80 57
T. P. Jones.....	do.....	18 05
James Minor.....	Janitor.....	62 00
E. Edwards.....	Repairs.....	7 35
W. Ballantyne.....	Stationery.....	4 70
J. M. Burrows.....	Incidentals.....	19 79
G. & T. H. Dallett.....	Soap.....	19 50
H. Miller.....	Nurse.....	40 00
P. Johnson.....	Night-work.....	30 00
M. Dougherty.....	Washing.....	12 00
H. McHatton.....	Incidentals.....	15 00
Do.....	Light.....	13 00
Do.....	Horse-feed.....	47 20
J. Brownlie.....	do.....	36 53
E. W. Nichols.....	Brushes, dishes, &c.....	53 45
R. Van Brunt.....	Tolls, &c.....	42 60
G. W. Child.....	Horse-feed, &c.....	46 74
J. Welwood.....	Soap.....	40 00
Brooklyn Gas Company.....	Gas.....	522 40
R. H. Allen & Co.....	Garden-tools.....	12 85
J. McCarthy.....	Watchman.....	20 00
William Turton.....	Fireman.....	20 00
Lucinda Brown.....	Washing.....	17 40
L. Williams.....	Packing-boxes.....	3 00
E. M. Whitaker.....	Stationery.....	14 10
Philadelphia Gas Company.....	Gas.....	35 91
G. Dormony.....	Incidentals.....	43 95
Toby.....	Washing.....	40 01
Swan & Brombacher.....	Spoons, &c.....	72 20
G. W. Child.....	Horse-feed.....	39 56
A. Agar.....	Stationery.....	295 11
R. G. Phelps & Co.....	Lumber.....	102 12
Gifford & Bro.....	Printing.....	70 00
J. McMahon.....	Freight.....	66 25
L. R. Jones.....	Awnings.....	19 25
J. H. Bond.....	Laborer.....	62 00
L. R. Jones.....	Watchman.....	62 00
J. A. Shaw.....	Laborer.....	62 00
M. M. Kearney.....	Rent naval dispensary.....	40 00
John Thornton.....	Laborer.....	62 00
James Minor.....	Janitor.....	62 00
National Republican.....	Subscription.....	8 00
J. K. Vernon.....	Repairs to chairs.....	3 00
T. P. Jones.....	Binding.....	2 50
Do.....	Lawn-mower.....	25 00
J McMahon.....	Freight.....	76 32
Do.....	Assistant packer.....	23 00
H. M. Barnes.....	Assistant packer at laboratory.....	20 00

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery*—Continued.

To whom paid.	For what purpose.	Amount.
John Rutherford.....	Fireman	\$18 00
J. McCarthy	Nurse and watchman	20 00
L. Brown.....	Washing for the sick.....	19 00
W. Turtin	Fireman	20 00
P. & L. R. R. R.	Freight on medical stores	4 14
Gas Company.....	Gas for naval hospital, Philadelphia..	25 37
Walton Bros.....	Candlesticks.....	15 00
Alex. Agar.....	Stationery.....	35 15
William Wood & Co	Dispensatory, &c.....	24 63
G. W. Child.....	Horse-feed.....	34 10
M. B. Clark.....	Taking up and cleaning carpets.....	9 00
Western Union Telegraph Company.	Bureau telegrams	7 53
James Flood.....	Manure	15 00
P. Henderson & Co	Seeds	27 75
W. R. Brown.....	Matches, brooms, &c.....	19 40
H. Miller.....	Nurse during April and May, 1876	80 00
S. Emery.....	Fuel	63 00
E. Edwards.....	Repairing chairs.....	9 65
T. Hiland.....	Use of dissecting-room	27 20
W. Ballantyne.....	Stationery.....	8 66
L. R. Jones.....	Awnings	8 00
J. Minor.....	Janitor medical board.....	60 00
M. B. Clark.....	Cartage, &c.....	17 20
L. R. Jones.....	Watchman	60 00
J. H. Bond.....	Laborer.....	60 00
M. M. Kearney.....	Rent of naval dispensary.....	40 00
John Thornton.....	Laborer at dispensary.....	60 00
J. A. Shaw.....	do	60 00
L. R. Jones.....	Awnings at dispensary.....	6 00
H. Thornton.....	Washing at dispensary.....	8 00
J. F. Bridgett.....	Repairs carriage at dispensary.....	10 75
W. W. Chambers.....	Livery of dispensary horse.....	155 90
Total.....		14,170 63

FROM JULY 1, 1876, TO NOVEMBER 30, 1876.

E. M. Whitaker.....	Stationery	\$64 79
W. S. Mitchell.....	Matting, &c.....	26 68
J. O'Connell.....	Laborer at dispensary, New York	104 20
J. H. Bellingham.....	Car-tickets, &c.....	11 00
C. H. Emerson.....	Business Guide.....	5 00
R. Hodges.....	Washing for the sick	6 00
J. W. Herbert.....	do	4 05
J. Breck & Son.....	Repairs machinery at hospital, Chelsea.	29 60
R. Washington.....	Washing for the sick	6 00
A. C. Freeman.....	Repairs and cleaning dispensary, Norfolk.	3 00
G. E. Franklin.....	Sundries at hospital, Annapolis.....	127 00
W. Turtin.....	Fireman at hospital, Annapolis.....	20 00
Water Company.....	Water for hospital, Annapolis	57 43
E. Button.....	Washing for the sick	38 95
H. C. Lea.....	Medical books	175 00
Adams Express Company.....	Expressage.....	23 55
A. Shely.....	Washing for the sick	3 50
J. McMahon.....	Assistant packer at laboratory	23 00
H. M. Barnes.....	do	20 00
A. Tunnell.....	Washing for the sick	5 00

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery—Continued.*

To whom paid.	For what purpose.	Amount.
M. Russell.....	Washing for the sick	\$6 00
R. S. Barry	do	6 00
Gas Company	Gas for hospital, Philadelphia	18 49
Western Union Telegraph Company	Bureau telegrams	9 65
Kennebec Ice Company	Ice for bureau	13 93
Water Board	Water, hospital, Chelsea	55 91
Gas Company	Gas, hospital, Chelsea	150 85
Diary Company	Stationery, hospital, Chelsea	8 00
D. Slade	Feed	44 23
C. C. Thompson	Expressage	74 30
John Mulloy	Horseshoeing and repairs to ambulance	46 79
J. Rutherford	Fireman	18 00
J. J. McCarthy	Watchman	20 00
Ann Washington	Washing for the sick	1 50
William Henry	do	14 40
W. Henry	Freight	3 32
Ann Rice	Washing for the sick	16 70
R. G. Phelps & Co	Lumber for boxes	14 00
Swan & Brombachn	Incidentals	19 21
A. Agar	Stationery	3 33
J. McMahon	Freight	96 43
T. P. Jones	Incidentals	89 87
G. & R. Barrett	do	54 75
Gas Company	Gas, hospital, Norfolk	133 70
R. Hodges	Washing for the sick	4 50
N. F. Mathus	Incidentals	5 63
K. M. French	Washing for the sick	35 00
A. J. French	Freight on medical stores	1 67
E. H. Adams	Horse-feed, &c	119 46
Gas Company	Gas for hospital, Washington	51 03
T. P. Jones	Freight, seed, &c	33 57
M. Russell	Washing for the sick	4 50
George Holmes	Night-work	20 00
M. Dougherty	Washing for the sick	12 00
John McDonald	Repairs to ambulance	45 00
H. McHatton	Incidentals	10 90
Do	Horse-feed	31 40
Do	Oil	2 00
R. Van Brunt	Incidentals	34 29
J. Wellwood	Soft soap	37 50
G. W. Child	Horse-feed	65 91
Gas Company	Gas for hospital, New York	323 95
D. H. Killock	Car-fares for messengers	9 50
John Rutherford	Fireman	9 00
J. M. Burrows	Incidentals	21 35
E. Brist	Seeds	26 75
Sheppard, Arrison & Co	Flannel, &c., for sick	21 73
J. S. Gonzales	Horse for hospital, Pensacola	275 00
Dr. Martin	Transportation of insane	36 50
W. H. Dempsey	Stationery	236 65
G. E. Franklin	Incidentals	32 62
Water Company	Water for hospital, Annapolis	17 72
James Brownlie	Feed	56 64
M. J. Wright	Incidentals	145 09
H. Miller	Nurse	40 00
James Brownlie	Feed	35 65
Val. Express Company	Freight	14 20
M. M. Kearney	Rent of naval dispensary	40 00
James Miuor	Janitor medical board	50 00
John Thoruton	Laborer	50 00
H. M. Barnes	Assistant packer at laboratory	20 00

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery—Continued.*

To whom paid.	For what purpose.	Amount.
J. McMahon	Assistant packer at laboratory	\$23 00
W. A. Townsend	Medical books	50 66
Franklin Telegraph Company	Telegrams	2 35
Western Union Telegraph Company	do	4 73
R. G. Phelps & Co	Lumber for boxes	12 50
G. W. Childs	Horse-feed	5 80
J. McMahon	Incidentals	43 31
J. J. McCarthy	Nurse and watchman	20 00
Frank Rivers	Nurse	30 67
Henry Miller	do	40 00
L. R. Jones	Awnings	28 00
W. W. Chambers	Livery of dispensary horse	73 50
J. McDermot	Repairs to dispensary carriage	56 00
H. W. Dutton & Son	Advertising	7 50
R. Worthington & Co	do	7 50
C. W. Abbott	do	7 50
Globe Publishing Company	do	7 50
M. Weydig	Harness	50 00
J. H. McGuigan	Book	9 00
W. H. Dempsey	Stationery	99 75
Norris Peters	Lithographing	65 00
John Thornton	Laborer	50 00
James Minor	do	50 00
M. M. Kearny	Rent of naval dispensary	40 00
J. J. McCarthy	Nurse and watchman	20 00
Diary Company	Binding medical books	18 00
J. P. Gifford	Assistant packer at laboratory	20 00
J. McMahon	do	23 00
Do	Freight on medical stores	29 37
Gas Company	Gas for hospital, Philadelphia	21 07
Western Union Telegraph Company	Telegrams	2 72
G. W. Child	Horse-feed	27 66
Philadelphia North American	Advertising for bids for coal	38 85
Philadelphia City Item	do	40 60
Philadelphia Evening Bulletin	do	37 80
Domoney & Co	Incidentals at hospital, Yokohama	153 74
Chin, Ling & Co	Muslin for sheets, &c	137 95
S. Toby	Bedding, &c	73 23
E. S. Brown	Rent of hospital-grounds	205 80
S. W. Jones	Cleaning yard of dispensary	4 00
Franklin Telegraph Company	Telegrams	4 81
J. G. Taylor	Paid for recovery of stolen property	8 88
Frank Rivers	Nurse	40 00
H. Miller	do	40 00
French & Co	Freight	2 00
G. W. Rider	Medical books	14 00
L. R. Jones	Watchman	60 00
John Thornton	Laborer	50 00
Mrs. Kearny	Rent	40 00
J. Minor	Janitor, medical board	50 00
H. Topley	Washing for the sick	4 00
J. H. Bellingham	Laborer	100 86
M. Russell	Washing for the sick	4 91
A. Tunnell	do	5 00
Mrs. Herbert	do	5 25
J. P. Gifford	Assistant packer at laboratory	20 00
J. McMahon	do	23 00
E. Button	Washing for the sick	21 35
Acqueduc Ice Company	Ice	14 15
V. Johnson	Washing for the sick	6 00
K. Hedges	do	4 50
J. J. McCarthy	Night-nurse	20 00

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery—Continued.*

To whom paid.	For what purpose.	Amount.
Ann Rice.....	Washing for the sick	\$13 50
L. G. Louis	do	15 75
Gas Company	Gas for hospital, Philadelphia	30 53
Ice Company	Ice for dispensary	11 50
J. McLoughlin	Livery of horse	74 33
B. Koch	Repairs of harness	5 25
Gas Company	Gas	4 00
H. Thoruton	Washing for dispensary	8 00
H. McHatton	Horse-feed	23 00
Ann Washington	Washing	1 50
D. Rocheblain	Crossing bridge	3 50
H. McHatton	Garden-tools	4 90
N. Dougherty	Washing	8 00
J. Euckson	Night-work	15 00
J. H. Bellingham	Car-tickets	13 00
R. S. Barry	Washing	6 00
Adams Express Company	Expressage	36 05
Western Union Telegraph Company	Telegrams	2 00
John Mulloy	Horseshoeing, &c	30 01
Chelsea Gas Company	Gas	120 05
Chelsea Water Company	Water	134 73
D. & L. Slado	Feed	34 15
G. W. Marsh	Repairs of harness	8 50
G. & R. Barrett	Feed, &c	57 25
T. P. Jones	Incidentals	24 30
Gas Company	Gas	114 45
J. McMahon	Freight, &c	62 50
A. M. Owen	Transportation of insane	23 25
G. H. Mendum	Oil-cloth	4 31
K. M. French	Washing	40 00
A. J. French	Repairs of ice-chest	12 00
N. F. Matthews & Co.	Basins, &c	10 23
J. E. Peterson	Feed	31 01
Mohun & Bro	Stationery	12 00
N. B. Reynolds	Postage, &c	37 75
Frank Rivers	Nurse	40 00
H. Miller	do	40 00
W. Warren	Washing	4 50
J. M. Burrows	Incidentals	36 50
Robert Brist	Seeds	5 20
C. C. Thompson	Car-tickets, &c	5 16
J. Wellwood	Soap	37 50
R. Van Brunt	Freight, &c	30 85
G. N. Childs	Feed	67 54
D. Wilson	Brooms, &c	30 15
Hayward & Hutchinson	Stove	52 00
J. Brownlie	Feed	32 97
J. R. Whitaker	Washing	11 21
J. B. Lippincott & Co	Medical books	35 20
L. R. Jones	Taking down awnings	4 00
William E. Hodge	Fuel	74 00
G. E. Franklin	Feed	15 50
J. Brownlie	do	117 34
Norris Peters	Photo-lithographing	40 00
L. R. Jones	Watchman	62 00
J. Thornton	Laborer	50 00
M. M. Kearny	Rent	40 00
J. McMahon	Freight, &c	95 46
J. P. Gifford	Assistant packer	20 00
J. McMahon	do	23 00
James Minor	Janitor	50 00
E. M. Whitaker	Stationery	10 10

No. 3.—*Statement of expenditures from appropriation contingent Medicine and Surgery—Continued.*

To whom paid.	For what purpose.	Amount.
J. J. McCarthy	Nurse	\$20 00
Western Union Telegraph Company	Telegrams	19 63
P. S. Wales	Medical books	398 50
J. B. Lippincott & Co.	do	202 15
J. McMahon	Freight	57 88
J. G. Bennett	New York Herald	10 00
H. Miller	Nurse	40 00
Frank Rivers	do	40 00
P. and L. Railroad	Freight	2 85
M. F. Wentworth	Health-officer	10 00
L. R. Jones	Watchman	62 00
J. H. Bond	Laborer	34 00
Total		8,686 92

No. 4.—*Statement of expenditures from appropriation contingent Ordnance.*

FROM DECEMBER 1, 1875, TO JUNE 30, 1876.

To whom paid.	For what purpose.	Amount.
Densmore, Yost & Co	Ribbon for stamp	\$3 00
New York Herald	Subscription	12 00
William H. Dempsey	Stationery	36 00
William C. Bryant	Subscription	9 00
R. Cruik, jr	Transportation	16 00
J. Goldin	Photographs	75 00
G. M. Wight	Furniture	30 00
H. N. Barlow	Picture-frames	18 00
D. Van Nostrand	Books	4 00
Do	do	2 00
Do	do	4 00
R. S. Osbon	Subscription	5 00
Warren Choate & Co	Tracing-cloth	40 00
William H. Demsey	Stationery	174 95
L. G. Talistro	Book	6 50
W. J. Murtagh	Subscription	16 00
James L. Savage	Hardware	5 70
Total		457 15

Approved.

WILLIAM N. JEFFERS,
Chief of Bureau of Ordnance.

DECEMBER 15, 1876.

No. 4.—*Statement of expenditures from appropriation contingent Ordinance*—Continued.

FROM JULY 1, 1876, TO NOVEMBER 30, 1876.

To whom paid.	For what purpose.	Amount.
Norris Peters	Photo-lithographing	\$25 00
R. Cruik, jr.	Transportation	14 00
Norris Peters	Photo-lithographing	15 00
L. Williams	Packing-boxes	15 00
Francis Lamb	Picture-frames	6 00
L. Williams	Packing-boxes	9 00
R. Cruik, jr.	Transportation	5 00
J. Goldin	Photographs	18 00
Norris Peters	Photo-lithographing	45 00
Do	do	18 00
R. Cruik, jr.	Transportation	5 00
Total		175 00

Approved.

WILLIAM N. JEFFERS,
Chief of Bureau of Ordnance.

DECEMBER 15, 1876.

No. 5.—*Statement of expenditures under the appropriation contingent Yards and Docks.*

FROM DECEMBER 1, 1875, TO JUNE 30, 1876.

Rent of houses for offices at Philadelphia	\$1, 500
Wharf-rent at Erie, Pa	250
Laying water-pipe from Vallejo to navy-yard, Mare Island, Cal.	15, 525
Reservoir and dam, Mare Island	3, 700
Total	20, 975

FROM JULY 1, 1876, TO DECEMBER 1, 1876.

Rent of houses for offices at Philadelphia	\$1, 000
Wharf-rent at Erie, Pa	250
Gate-tower at Mare Island	3, 000
Completing excavation, Mare Island	2, 500
Reservoir and dam, ditching and tunneling, Mare Island	6, 500
Total	13, 250

BUREAU OF YARDS AND DOCKS, December 16, 1876.

No. 6.—*Statement of expenditures under appropriation contingent Navigation.*

FROM DECEMBER 1, 1875, TO JUNE 30, 1876.

Name.	Nature of service.	Amount.
Adams Express Company	Freight	\$12 50
Old Dominion Steamship Company	do	3 64
Pacific Mail Steamship Company	do	121 25
Adams Express Company	do	1 40
A. T. Freeman	do	5 45

No. 6.—*Statement of expenditures under appropriation contingent Navigation—Continued.*

Name.	Nature of service.	Amount.
The Metropolitan Steamship Company.	Freight	\$2 24
Adams Express Company	do	5 70
J. F. Sanner	Carpenter-work	15 50
Steamer John Gibson	Freight	36 74
C. P. Wallach	do	5 45
D. Van Nostrand	Subscription to professional periodicals.	49
T. H. Looker	Express-charges	5 00
C. P. Wallach	do	23 90
Pacific Mail Steamship Company	Freight	21 36
Eastern Railroad Company	do	2 93
Luttrell & Wine	Canvas and cotton bats	10 40
W. P. Eddy	Freight	15 95
Steamer John Gibson	do	2 70
Eastern Railroad Company	do	2 61
William P. Eddy	do	2 40
Do	do	1 90
Steamer William Lawrence	do	3 18
Old Dominion Steamship Company	do	22 10
Adams Express Company	do	6 70
J. F. Sanner	Making packing-boxes	3 75
Eastern Railroad Company	Freight	1 73
American Dredging Company	Transportation of stores	105 00
A. Schumacher & Co.	Freight	4 21
Adams Express Company	do	4 95
Do	do	1 05
William P. Eddy	do	50
Steamer John Gibson	do	10 86
Portsmouth Bridge Company	Tolls	3 10
William P. Eddy	Freight	75
Do	do	1 00
Robert Beall	Subscription	2 50
Adams Express Company	Freight	9 80
Steamer Lady of the Lake	do	1 50
Philadelphia Steamship Company	do	11 00
Old Dominion Steamship Company	do	13 78
D. S. Holman	Subscription	5 00
Adams Express Company	Freight	8 00
A. Schumacher & Co.	do	4 20
Adams Express Company	do	17 75
Wells, Fargo & Company	do	3 00
R. G. Hume & Bro.	Letter clip and file	5 00
Pay-Inspector C. P. Wallach	Express-charges	14 35
Lieut. J. F. Sullivan	do	11 40
Pay-Inspector C. P. Wallach	do	7 50
Adams Express Company	Freight	35
Philadelphia and New York Steam Navigation Company	do	1 70
Pay-Inspector C. P. Wallach	do	3 65
A. Schumacher & Co.	do	5 31
Old Dominion Steamship Company	do	96
Steamer Lady of the Lake	do	2 00
Steamer William Lawrence	do	1 87
Adams Express Company	do	5 00
Do	do	17 15
Pay-Inspector C. P. Wallach	do	2 00
Pacific Mail Steamship Company	do	19 16
Steamer E. C. Knight	do	3 68
J. Amerman	Washing towels for office	8 95
D. Van Nostrand	Subscriptions	8 00
W. P. Eddy	Freight	9 54
R. P. A. Depham	do	79

No. 6.—*Statement of expenditures under appropriation contingent Navigation—Continued.*

Name.	Nature of service.	Amount.
Dana & Silliman	Subscriptions	\$6 62
Benner & Pinkney	Freight	6 87
Jackson & Co., express	Expressage	54 65
G. H. Creed	Transportation	25 50
Pay-Inspector C. P. Wallach	Freight	3 25
Eastern Railroad Company	do	10 00
Adams Express Company	do	35
Lieut. J. F. Sullivan	Expressage	8 90
A. Schumacher & Co.	Freight	6 50
Eastern Railroad Company	do	2 67
Adams Express Company	Express-charges	2 40
Steamer Lady of the Lake	Freight	10 90
Adams Express Company	do	75
Old Dominion Steamship Company	do	44 19
Steamer E. C. Knight	do	14 92
Paymaster L. G. Billings	do	5 70
A. Schumacher & Co.	do	7 50
Eastern Railroad Company	do	1 03
Old Dominion Steamship Company	do	4 05
George W. Knox	Cartage	2 00
Pacific Mail Steamship Company	Freight	116 57
Washington city post-office	Postage	89 03
A. Schumacher & Co.	Freight	4 97
Adams Express Company	do	3 30
A. H. Ward, agent	do	5 67
A. Schumacher & Co.	do	4 35
J. F. Sanner	Making boxes	11 55
Paymaster L. G. Billings	Freight	3 00
R. Cruik, jr.	Transportation	13 00
George Mathews	Cartage	1 25
Pacific Mail Steamship Company	Freight	6 35
Do	do	52 02
W. P. Eddy	do	3 27
W. J. Murtagh	Subscription	5 00
A. Schumacher & Co.	Freight	4 34
Adams Express Company	do	1 00
Do	do	1 75
Do	do	15 50
Do	do	75
Great Falls Ice Company	Ice	5 00
John G. Hodge & Co.	Memorandum-books	14 75
Pacific Mail Steamship Company	Freight	5 51
A. Schumacher & Co.	do	2 97
R. P. A. Denham	do	5 13
Total		1,201 62

FROM JULY 1, 1876, TO DECEMBER 1, 1876.

Philadelphia and New York Navigation Company.	Freight	\$2 90
Jackson & Co., express	do	1 60
Adams Express Company	do	1 25
W. P. Eddy	do	2 25
Paymaster L. G. Billings	do	5 50
do	do	5 70
A. Schumacher & Co.	do	3 01
Merchants' and Miners' Transportation Company.	General average on box bunting ..	17 29

No. 6.—*Statement of expenditures under appropriation contingent Navigation—Continued.*

Name.	Nature of service.	Amount.
J. F. Sanner	Making packing-boxes	\$6 50
Adams Express Company	Freight	35
Paymaster L. G. Billings	do	2 55
Adams Express Company	do	14 45
United States Army and Navy Journal	Subscription	6 00
W. P. Eddy	Freight	55
Smith, Young & Co	Advertising proposals	25 00
The Graphic Company	do	21 60
A. M. Byland	do	9 60
Commercial Advertiser Association	do	19 60
United States Army and Navy Journal	do	18 00
Adams Express Company	Freight	51 75
J. D. Hurlbut & Son	do	228 32
Paymaster T. H. Looker	do	8 25
William P. Eddy	do	4 80
A. Schumacher & Co	do	5 08
William P. Eddy	do	1 25
Do	do	5 25
J. F. Sanner	Making packing-boxes	9 00
William P. Eddy	Freight	19 10
Do	do	3 25
Adams Express Company	do	30 70
D. Van Nostrand	Subscriptions to professional periodicals.	4 25
Philadelphia and New York Steam Navigation Company.	Freight	1 75
William P. Eddy	do	75
Adams Express Company	do	1 95
Robert Curran	Making map	41 90
D. Van Nostrand	Subscription	5 50
Adams Express Company	Freight	4 10
Metropolitan Steamship Company	do	15 97
Old Dominion Steamship Company	do	50
A. Schumacher & Co	do	3 32
Paymaster L. G. Billings	do	6 25
Total		626 55

No. 7.—*Expenses of the Bureau of Provisions and Clothing, paid from appropriation contingent, 1875-'76.*

FROM DECEMBER 1, 1875, TO JUNE 30, 1876.

Date.	Name.	Nature of service.	Amount.
1875.			
Dec. 1	New York Herald	Subscription	\$12 00
1	P. W. Derham	Stationery	251 90
1	Empire Line	Freight	14 44
6	Knickerbocker Ice Company	Ice	20 06
21	W. H. Dempsey	Stationery	1,498 29
21	Empire Line	Freight	107 53
21	Western Union Telegraph Company.	Telegrams	61
1876.			
Feb. 1	Eastern Railroad Company	Freight	137 30
1	Portsmouth Bridge Company	Tolls	2 20

No. 7.—*Expenses of the Bureau of Provisions and Clothing, &c.*—Continued.

Date.	Name.	Nature of service.	Amount.
1876.			
Feb. 1	Jackson & Co.....	Expressage.....	\$10 50
7	T. A. Spencer.....	Stationery.....	43 93
14	Robert Beall.....	do.....	55 10
14	W. H. Dempsey.....	do.....	233 75
14	Chicago, Rock Island and Burlington Railroad Company.	Freight.....	18 03
14	Western Union Telegraph Company.	Telegrams.....	2 76
15	Clyde & Co.....	Freight.....	35 03
15	H. Gelepke.....	do.....	31 00
15	Old Dominion Steamship Company.	do.....	10 03
15	Benner & Pinkney.....	do.....	69 76
15	J. C. Kenyon.....	do.....	291 84
15	C. H. Mallory.....	do.....	3 98
15	J. H. Howard.....	Door-locks.....	800 00
17	Charles Allyn.....	Stationery.....	17 70
17	Borden & Lovell.....	Freight.....	158 36
17	Old Dominion Steamship Company.	do.....	432 70
17	W. H. Arthur.....	Tags.....	12 00
17	John Street & Co.....	Coal.....	25 50
17	Arthur Burtis.....	Telegrams and expressage.....	43 20
17	Fairbanks & Co.....	Stationery.....	97 85
17	B. F. Perkins.....	Freight.....	14 04
March 15	W. H. Dempsey.....	Stationery.....	1,365 79
15	Western Union Telegraph Company.	Telegrams.....	5 13
April 4	Vickery & Co.....	Stationery.....	132 30
4	George W. Beaman.....	Telegrams and expressage.....	11 00
4	Old Dominion Steamship Company.	Freight.....	29 01
4	Adams Express Company.....	Expressage.....	4 95
4	Watson & Son.....	Repairs on safe.....	45 00
4	Mallory & Co.....	Freight.....	434 33
4	George F. Cutter.....	do.....	44 14
5	J. C. Kenyon.....	do.....	41 28
5	C. H. Mallory.....	do.....	396 00
5	Baltimore Steam-Packet Company.	do.....	2 52
5	Eastern Railroad Company.....	do.....	16 41
5	Jackson & Co.....	Expressage.....	4 25
8	H. P. Brown.....	Freight.....	300 00
8	James Henry.....	do.....	2,400 00
10	Old Dominion Steamship Company.	do.....	7 50
10	Hurlbut & Sons.....	do.....	211 18
10	Whitney & Co.....	do.....	25 50
10	Robert Beall.....	Stationery.....	6 50
10	Western Union Telegraph Company.	Telegrams.....	1 65
12	J. H. Redfield.....	Coal.....	655 76
12	do.....	Iron safes.....	3,150 00
17	Borden & Lovell.....	Freight.....	130 70
17	Old Dominion Steamship Company.	do.....	359 10
17	H. J. Bullay.....	do.....	1,542 80
19	Star Union Line.....	do.....	7 06
19	C. H. Mallory.....	do.....	42 46
19	Sears & Cole.....	Stationery.....	442 66
24	George P. Goff.....	Freight.....	1,033 50
25	E. A. Willats.....	do.....	1 31

No. 7.—*Expenses of the Bureau of Provisions and Clothing, &c.*—Continued.

Date.	Name.	Nature of service.	Amount.
1876.			
April 25	Hodge & Co.....	Stationery.....	\$49 06
May 18	Adams Express Company.....	Expressage.....	3 65
18	Atlantic and Pacific Telegraph Company.	Telegrams.....	2 00
18	Western Union Telegraph Company.	.....do.....	6 50
18	J. S. Stinson.....	Expressage.....	80
18	W. S. Thompson.....	Camphor.....	1 75
18	William Ballantyne.....	Stationery.....	6 60
18	P. W. Waters.....	Services as watchman.....	60 00
23	F. V. Walker.....	Car-tickets.....	6 00
23	William P. Eddy.....	Freight.....	6 15
25	Daily Chronicle.....	Advertising.....	88 00
25	P. W. Waters.....	Watchman.....	62 00
25	Washington City post-office.....	Postage.....	22 54
June 3	Baltimore American.....	Advertising.....	17 00
3	Norfolk Day Book.....	.....do.....	20 00
3	Dalzell, agent.....	Freight.....	45 05
3	J. D. Dean.....	.....do.....	46 95
9	J. L. Roome.....	.....do.....	50 50
9	J. D. Hurlbut & Son.....	.....do.....	200 00
9	James Twing.....	.....do.....	60 00
17	G. L. Utermohle.....	Stencils.....	2 35
20	Borden & Lovell.....	Freight.....	84 64
20	J. D. Dean.....	.....do.....	1 25
20	Clark & Seaman.....	.....do.....	11 57
20	Anthony & Chew.....	General average.....	42 99
30	Adams Express Company.....	Expressage.....	3 65
20	National Republican.....	Subscription.....	8 00
20	Great Falls Ice Company.....	Ice-tickets.....	8 00
20	P. W. Waters.....	Watchman.....	60 00
			18,304 28

FROM JULY 1, 1876, TO NOVEMBER 30, 1876.

1876.			
July 16	Russell & Landis.....	Camphor.....	\$1 75
Aug. 8	James Hand.....	Freight.....	78 34
8	Simonton & Haws.....	.....do.....	3,422 04
8	Fabbri & Chauncy.....	.....do.....	6,230 00
8	William Dalzell.....	.....do.....	40 72
8	H. Gelepke.....	.....do.....	343 00
8	Borden & Lovell.....	.....do.....	4 80
25	Jackson & Co.....	Expressage.....	1 25
Sept. 1	Vickery & Co.....	Stationery.....	70 95
11	Robert Beall.....	.....do.....	106 55
11	F. V. Walker.....	Car-tickets.....	13 25
11	George W. Knox.....	Expressage.....	75
14	Adams & Co.....	Repairs in inspection.....	48 20
16	Hodge & Co.....	Stationery.....	128 90
Oct. 4	William Dalzell.....	Freight.....	3 27
4	C. A. Whitney.....	.....do.....	82 08
4	Marvin & Co.....	Repairing safe.....	25 00
4	G. Bell.....	Stationery.....	108 85
7	J. H. Foster.....	.....do.....	173 40
10	J. C. Fairbanks & Co.....	.....do.....	163 01
10	J. L. Roome.....	Freight.....	12 48
10	W. P. Clyde & Co.....	.....do.....	34 65

No. 7.—*Expenses of the Bureau of Provisions and Clothing, &c.*—Continued.

Date.	Name.	Nature of service.	Amount.
1876.			
Oct. 10	J. O. Birch	Freight	\$25 00
23	William H. Dempsey	Stationery	457 25
Nov. 6	J. W. Bigelow	Candles	13, 877 74
6	J. C. Fairbanks	Stationery	267 60
6	A. J. Wilkinston & Co	Yeomen's stores	36 40
8	J. P. Morse	Commission on sales	30 53
8	Jackson & Co	Expressage	1 55
13	Old Dominion Steamship Com- pany.	Freight	125 50
13	Borden & Lovell	do	44 75
13	William Dalzell	do	2 65
13	J. D. Hurlbut & Son	do	15 00
15	Patrick Gallilee	Ice	7 70
18	Knickerbocker Ice Company	do	12 60
20	William H. Dempsey	Stationery	7, 399 64
			33, 397 24

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1876-'77.*

FROM JULY 1, 1876, TO DECEMBER 1, 1876.

Date.	Name.	No.	Nature of service.	Amount.
1876.				
July 15	G. C. Hicks & Co	3	Fire-bricks, &c	\$27 00
17	Hirshberg, Hollander & Co	6	Paint	12 00
17	Thomsen & Muth	7	Paint-brushes	22 50
17	H. Bolton & Co	8	Paint and glass	63 45
31	R. Swann	21	Rent of quarters for band	210 00
31	A. Meyett	23	Cleaning vaults	30 00
31	H. McCusker	24	Rent of house for foreman of gas and steam-heating works.	15 00
27	Eckhardt & Mehler	27	Lumber	3 20
27	T. Monroe	28	Molding	3 12
22	G. C. Hicks & Co	29	Terra-cotta pipe	25 37
27	William Minifie & Sons	30	Stationery	1 35
22	B. G. Perry	31	Carriage-hire on public duty	3 00
27	Renter & Mallory	33	Hardware	4 92
27	Julius Bien	34	Engraving and printing	30 00
27	Thomsen & Muth	35	Varnish-brushes	12 75
31	J. S. M. Basil	44	Hay	26 67
31	A. Schumacher & Co	47	Freight	14 44
31	L. G. Tillotson & Co	49	Hardware	97 75
31	T. & J. M. Smith	52	Linseed-oil	50 55
31	W. M. Ellicott & Sons	53	Paints	204 75
31	Annapolis Water Company	55	Water for July	170 90
31	Lord & Robinson	62	Brooms	3 50
31	H. Bolton & Co	63	Paints and oils	173 32
31	Edward Johnson	64	Cartage	223 20
31	Temporary mechanics' and laborers' roll.	69	Temporary labor	904 52
Aug. 3	William Minifie & Sons	73	Steel tape	2 00
2	C. Blackstone	74	Labor	2 16
2	William Fanell	75	do	4 94
3	Western Union Telegraph Company.	76	Dispatches on public service	5 02

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1876-'77—Continued.*

Date.	Name.	No.	Nature of service.	Amount.
1876.				
Aug. 3	Adams Express Company ..	77	Freight on Government property.	\$21 72
9	J. S. M. Basil & Parlett.....	79	Lumber.....	40 30
3	W. W. Hayne.....	81	Books for library.....	4 55
9	H. A. Goodman.....	83	Acid, &c.....	4 00
4	C. Pointer.....	84	Labor.....	13 50
5	M. Snowden.....	85	do.....	5 50
5	E. S. Riley, jr.....	88	Advertising.....	3 98
12	J. G. King.....	95	do.....	22 50
22	E. S. Riley, jr.....	102	do.....	1 40
26	H. Barnard.....	112	Books for library.....	50 00
31	R. Swann.....	114	Rent for bandmen's quarters.	208 00
31	A. Meyett.....	115	Cleaning vaults.....	30 00
31	H. McCusker.....	116	Rent of house for foreman of gas and steam-heating works	15 00
31	J. G. King.....	121	Advertising.....	8 00
31	W. T. Iglehart.....	122	do.....	30 00
31	L. F. Colton & Co.....	124	do.....	32 00
31	Baker Bros. & Co.....	130	Glass.....	13 70
31	Reuter & Mallory.....	133	Hardware.....	35 52
31	Temporary mechanics' and laborers' roll.	138	Labor.....	935 17
31	Edward Johnson.....	140	Cartage.....	17 90
31	Annapolis Water Company.	141	Water for August.....	78 43
31	Handy & Rullman.....	142	Varnish, &c.....	8 15
31	Greene and Loomis.....	143	Articles for department of mathematics.	20 00
31	Western Union Telegraph Co	144	Dispatches on public service..	13 28
31	J. S. M. Basil & Parlett.....	145	Lumber and lime.....	514 15
31	G. E. Franklin.....	146	Hardware.....	112 36
31	Adams Express Company ..	148	Freight on Government packages.	36 43
Sept. 7	G. C. Hicks & Co.....	158	Fire-bricks.....	7 60
16	Seeley & Stevens.....	159	Varnish.....	17 50
8	Adams Express Company ..	163	Freight on Government packages.	20 40
8	Reuter & Mallory.....	164	Hardware.....	71 59
8	D. J. Sanders.....	165	Sand.....	117 36
11	M. Snowden.....	167	Labor.....	4 00
20	T. Monroe.....	170	Towel-racks.....	18 75
14	E. Jenkins & Sons.....	171	Harness.....	3 95
14	Reuter & Mallory.....	172	Hardware.....	83 28
20	Baker Bros. & Co.....	177	Glass and oils.....	32 68
20	L. G. Tillotson & Co.....	178	Articles for department of physics and chemistry.	33 50
20	Otto, Duker & Co.....	181	Window-frames, &c.....	104 00
27	William Fauell.....	185	Labor.....	8 03
27	Reuter & Mallory.....	188	Hardware.....	10 08
27	Burns & Sloan.....	191	Molding.....	14 65
27	Reuter & Mallory.....	196	Hardware.....	19 20
27	N. H. Edgerton.....	200	Repairs to air-pump.....	48 00
30	Boston Belting Company...	201	Articles for use in department of physics and chemistry.	16 69
25	Reuter & Mallory.....	202	Hardware.....	15 39
30	J. R. Osgood & Co.....	203	Articles for use in department of English studies.	19 00
27	M. Oliver.....	204	Traveling-expenses.....	29 75
30	F. Heinbach.....	205	Repairing chairs.....	7 15
30	Reuter & Mallory.....	206	Hardware.....	112 29
30	Holmes & Co.....	207	Tape-line.....	6 00
30	A. Meyett.....	208	Cleaning vaults.....	30 00
30	R. Swann.....	209	Rent of quarters for band.....	208 00

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1876-'77—Continued.*

Date.	Name.	No.	Nature of service.	Amount.
1876.				
Sept. 30	H. McCusker	210	Rent of house for foreman of gas and steam-heating works.	\$15 00
30	Annapolis Water Company.	211	Water for September.....	155 80
30	Handy & Rullman	215	Varnish	27 90
30	James Wells.....	223	Addition to building for department of steam-engineering.	535 00
30	Temporary mechanics' and laborers' roll.	231	Labor.....	808 14
30	L. G. Gassaway	234	Articles for department of physics and chemistry.	144 80
30	do	235	do	36 00
30	do	236	do	372 15
30	Reuter & Mallory.....	238	Hardware	4 53
30	Edward Johnson.....	239	Cartage.....	42 40
30	James Brown	240	do	31 80
30	J. S. M. Basil & Parlett.....	242	Lumber, lime, &c	332 80
30	W. H. F. Wilson & Son.....	244	Hardware	111 92
30	G. E. Franklin	246	do	249 06
30	J. M. Rice	247	Articles for department of mathematics.	5 00
30	Western Union Telegraph Co	248	Dispatches on public service ..	31 07
30	Otto Duker & Co	252	Lumber	214 57
30	Adams Express Company ..	254	Freight on Government packages.	84 52
Oct. 13	Baker Bros. & Co.....	5	Glass and putty	31 96
14	John Duer & Sons.....	11	Hardware	13 86
25	Sharpless & Watts.....	12	Floor-tiles.....	151 50
13	Towner, James & Co.....	13	Hardware	54 30
13	Reuter & Mallory.....	14	do	125 20
18	J. S. Cheyuey.....	16	Articles for department of physics and chemistry.	79 50
13	Baker Bros. & Co.....	17	Glass	7 73
13	Bullock & Crenshaw.....	18	Articles for department of physics and chemistry.	19 16
13	W. W. Goodwin & Co.....	19	do	40 00
19	Burns & Sloan.....	21	Lumber	64 60
31	Tice & Lynch, agents.....	22	Freight	6 14
17	Becker & Sons.....	24	Articles for department of physics and chemistry.	65 00
13	Dennis Griffin	26	Harness	3 00
19	Kenffel & Essex	28	Articles for department of physics and chemistry.	3 10
19	Isaac Fiske.....	31	Musical instruments for use of band.	165 00
19	N. H. Edgarton.....	32	Articles for department of physics and chemistry.	100 50
21	L. G. Gassaway.....	33	Articles for department of ordnance.	162 45
25	S. Edwards & Co	41	Hay, oats, and middlings.....	149 27
25	J. E. Hayden.....	44	Articles for department of astronomy, &c.	14 50
25	G. V. Cresson.....	45	Articles for department of steam-engineering.	10 20
25	John Duer & Sons.....	46	Repairs of furniture.....	5 40
25	Watts & Co.....	47	Articles for department of physics and chemistry.	6 65
26	A. Schumacher & Co.....	49	Freight	47 03
26	do	50	do	16 19
23	E. Gootee	51	Labor	3 00
27	M. Gault & Son	53	Flagging-stone	101 20
28	G. Schirmer	57	Music for use of band.....	24 04

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1876-'77—Continued.*

Date.	Name.	No.	Nature of service.	Amount.
1876.				
Oct. 24	J. Watson	58	Labor	\$1 50
28	Watts & Co	60	Articles for department of physics and chemistry.	84 75
27	A. Schumacher & Co.	61	Freight	6 53
27	Reuter & Mallory	62	Hardware	146 96
31	M. Gault & Son	64	Flagging-stone	60 00
31	W. J. Frazier	65	Articles for department of steam-engineering.	119 00
31	L. F. Colton & Co	66	Stationery	3 50
31	C. Y. Davidson & Co.	69	Hardware	47 00
31	A. Meyett	70	Cleaning vaults	30 00
31	H. McCusker	71	Rent of house for foreman of gas and steam-heating works.	15 00
31	R. Swan	72	Rent of quarters for band	196 53
31	J. T. E. Hyde, jr	75	Oil	16 80
31	Annapolis Water Company ..	76	Water for October	585 93
31	L. G. Gassaway	77	Articles for department of physics and chemistry.	458 36
31	J. S. M. Basil & Parlett	79	Lumber, lime, and cement	122 12
31	Bullock & Crenshaw	81	Articles for department of physics and chemistry.	145 25
31	Watts & Co	83	do	148 00
31	E. B. Benjamin	85	do	35 90
31	Handy & Rullman	86	Varnish, &c	4 40
31	G. E. Franklin	88	Hardware	65 61
31	W. H. F. Wilson & Son	89	do	144 90
31	T. Berteling & Co	90	Musical instruments for use of band.	76 50
31	J. S. M. Basil	97	Hay	27 70
31	Adams Express Company ..	99	Freight on Govt. packages ..	82 96
31	Western Union Tel. Co	100	Dispatches on public service ..	13 66
31	William Godfrey	103	Repairs to printing press	7 90
31	F. H. Lucas	104	Type	23 30
Nov. 15	Bartlett, Robbins & Co	177	Stairs, porch, and balcony for sick-quarters.	540 00
15	Watts & Co	178	Articles for department of physics and chemistry.	12 00
15	Burns & Sloan	180	Cement	48 00
15	Baker Bros. & Co	181	Glass and oil	49 00
14	Paymaster S. T. Browne, naval storekeeper.	196	Books for department of French.	8 55
14	do	197	Books for department of mathematics.	46 42
14	do	198	Articles for department of drawing.	1 50
14	do	199	Articles for department of physics and chemistry.	26 59
14	do	200	Books for department of steam-engineering.	49 11
14	do	201	Books for department of mathematics.	16 64
14	do	202	Books for department of ethics	13 61
17	Shannon, Miller & Craue ..	203	Articles for department of ordnance.	15 00
21	Charles Helbrecht	208	Music for use of band	34 00
21	M. M. Wiggins	209	Labor	7 65
21	R. Swann	210	Soap	65 53
21	H. D. Schmidt	211	Harness	16 00
21	Thomson & Muth	213	Paint-brushes	2 52
21	Hirschberg, Hollander & Co ..	214	Paints, varnish, &c	54 52
18	D. J. Sanders	216	Sand, and freight on bricks ..	210 85
23	Bullock & Crenshaw	220	Articles for department of physics and chemistry.	15 50

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1876-'77—Continued.*

Date.	Name.	No.	Nature of service.	Amount.
1876				
Nov. 23	Reuter & Mallory	221	Hardware	\$32 10
23	Papyrograph Company	222	Stationery	85 00
23	H. H. Nichols	226	Engraving	58 00
23	A. M. Clapp, Congressional Printer.	228	Books for library	5 00
23	C. Y. Davidson & Co.	231	Hardware	20 10
30	R. Swan	232	Rent of bandmen's quarters ..	128 40
30	Annapolis Water Company ..	233	Water for November	618 28
30	A. Meyett	234	Cleaning vaults	30 00
30	H. McCusker	235	Rent of house for use of foreman of gas and steam-heating works.	15 00
30	Temporary mechanics' and laborers' roll.	240	Labor: pay of mechanics and laborers employed temporarily.	302 4
30	W. H. F. Wilson & Co.	242	Hardware	160 4
30	Burns & Sloan	244	Lumber	13 00
23	I. N. Richardson	245	Repairing bandmen's uniforms	108 25
29	G. E. Franklin	250	Hardware	58 2
29	Bartlett, Robbins & Co.	251	do	35 2
29	Adams Express Company	252	Freight on Govt. packages ..	68 24
29	Western Union Tel. Co.	253	Dispatches on public service ..	5 75
29	H. R. Worthington	254	Water-meter counter	4 00
29	Reuter & Mallory	255	Hardware	63 28
29	George V. Cresson	256	do	22 21
29	Towner, James & Co.	257	do	8 46
29	Burns & Sloan	259	Lumber	21 85

A. S. KENNY,
Paymaster, U. S. N.

Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1875-'76.

FROM DECEMBER 1, 1875, TO JUNE 30, 1876.

Date.	Name.	No.	Nature of service.	Amount.
1875.				
Dec. 16	Paymaster S. T. Browne, naval storekeeper.	236	Articles for department of drawing.	\$1 00
13	T. C. Basshor & Co.	237	Hardware	36 65
17	Pope & Owens	241	Soap	34 40
17	E. P. Dutton & Co.	243	Books for use in chapel	2 52
18	H. Baumgarten	245	Stamps and dies	20 50
20	T. C. Basshor & Co.	246	Gas-pipes, &c.	24 00
21	L. G. Gassaway	249	Articles for department of physics and chemistry.	113 72
28	Bullock & Crenshaw	250	do	134 60
21	Solomons & Chapman	251	Stationery	409 15
31	C. Y. Davidson & Co.	253	Pipes, globes, &c.	51 25
29	B. G. Perry	255	Harness	3 00
31	C. T. Harris	256	Reseating chairs	1 50
31	William Dadds	257	do	4 50
31	H. McCusker	258	Rent of house for foreman gas and steam heating department.	15 00
31	A. Meyett	259	Cleaning vaults	30 00
31	R. Swann	260	Rent of quarters for band	154 00
31	Paymaster S. T. Browne, naval storekeeper.	266	Articles for sick-quarters	7 50

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1875-76—Continued.*

Date.	Name.	No.	Nature of service.	Amount.
1875.				
31	W. H. F. Wilson & Son.....	267	Hardware	\$32 41
31	J. S. M. Basil.....	270	Hay, oats, and bran.....	56 22
31	Annapolis Water Company.....	272	Water for December.....	787 03
31	Charles Kummer.....	273	Musical instruments for use of band.	82 50
31	J. S. M. Basil & Parlett.....	274	Lumber, cement, and plaster..	55 82
31	G. E. Franklin.....	276	Hardware	47 08
31	Owners Waters's wharf ..	284	Wharfage for steamer Triana.	18 00
31	Western Union Telegraph Co.	285	Dispatches on public service..	6 10
31	Adams Express Company ..	286	Freight on Government packages.	24 32
31	W. G. Metzgerott & Co.....	287	Music, strings, &c., for use of band.	10 13
1876.				
Jan. 8	John Reese.....	1	Repairing water-pipes	10 00
18	F. H. Lucas.....	7	Type, &c.....	58 47
21	J. M. Alden.....	9	Books for library.....	18 00
31	A. Meyett.....	13	Cleaning vaults	30 00
31	H. McCusker.....	14	Rent of quarters for foreman of gas and steam-heating department.	15 00
31	R. Swann.....	15	Rent of quarters for band....	169 06
31	Annapolis Water Company.....	16	Water for January.....	766 25
29	Tice & Lynch, agents.....	33	Books for library.....	261 64
29	Paymaster S. T. Browne, naval storekeeper.	35	Articles for department of drawing.	3 68
29	do	36	Thermometers for midshipmen's quarters.	73 50
29	do	37	Articles for department of mathematics.	8 45
31	do	38	Articles for department of ethics.	15 65
31	William Dadds.....	39	Repairing chairs.....	6 50
31	W. H. F. Wilson & Son.....	40	Hardware	34 30
31	J. S. M. Basil.....	41	Hay, oats, and bran.....	56 05
31	J. S. M. Basil & Parlett.....	42	Lumber and lime.....	97 92
31	G. E. Franklin.....	49	Hardware	81 32
31	A. Schumacher & Co.....	50	Freight	3 10
31	Tice & Lynch, agents.....	51	Books for department of physics and chemistry.	6 61
Feb. 3	Adams Express Company..	52	Freight on Government packages.	53 38
3	Paymaster S. T. Browne, naval storekeeper.	53	Books for department of astronomy, &c.	1 60
3	do	54	Books for department of steam-engineering.	8 05
19	Western Union Telegraph Co.	57	Dispatches on public service..	5 31
16	Bullock & Crenshaw.....	60	Articles for physics and chemistry.	3 00
12	Renter & Mallory.....	61	Fire-hose.....	9 40
11	Baker Bros. & Co.....	62	Paints, oils, glass, &c.....	51 34
12	L. G. Tillotson & Co.....	63	Cordage for department of physics and chemistry.	20 30
16	Bullock & Crenshaw.....	64	Articles for department of physics and chemistry.	39 46
16	H. H. Goodman.....	65	Varnish and oils.....	5 30
24	Handy & Rullman.....	66	do	11 57
18	American Fusee Company..	68	Articles for department of gunnery.	12 70
16	Bullock & Crenshaw.....	70	Articles for department of physics and chemistry.	9 62
18	J. T. E. Hyde, jr.....	72	Oil.....	20 00
18	Dobler, Mudge & Chapman.	73	Stationery	10 58

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1875-'76—Continued.*

Date.	Name.	No.	Nature of service.	Amount.
1876.				
Feb. 18	T. D. Wilson.....	74	Books for library	\$11 65
18	C. Y. Davidson & Co.	76	Repairing chandeliers.....	12 00
25	Otto Duker & Co.	78	Lumber	77 40
24	Reuter & Mallory	79	Hardware	\$44 10
24	G. M. Taylor, superintendent	81	Hydrant-rods.....	16 30
26	T. J. Hall, agent	84	Strings for use of band.....	5 29
29	C. Zimmerman	85	Binding music-books for band	10 00
26	C. C. Fulton & Son.....	87	Advertising	10 00
29	H. McCusker	88	Rent of house for use of fore- man of gas and steam-heat- ing department.	15 00
29	R. Swann	89	Rent of quarters for band....	209 60
29	A. Meyett	90	Cleaning vaults	30 00
29	Annapolis Water Company.	91	Water for February.....	716 95
29	J. S. M. Basil.....	92	Hay, oats, and straw	71 15
29	Handy & Rullman	93	Mercury and flasks	19 20
29	W. H. F. Wilson & Son	94	Hardware	34 30
29	J. S. M. Basil & Parlett	97	Lumber and cement.....	2- 69
29	John H. Thomas	98	Galvanized blocks	2 00
29	G. E. Franklin.....	99	Hardware	51 54
29	E. A. Shjourdan.....	100	Articles for department of physics and chemistry.	13 00
29	Gebhard Leimbach.....	101	Freight	15 58
29	F. H. Lucas	112	Type	2 09
29	C. Boessel	113	Repairing clocks, &c.....	15 00
29	Adams Express Company..	114	Freight on Government pack- ages.	47 31
29	Western Union Telegraph Co	116	Dispatches on public service..	6 75
Mar. 8	Reuter & Mallory	117	Hardware	4 29
9	Bullock & Crenshaw.....	118	Articles for department of physics and chemistry.	32 00
11	L. G. Tillotson & Co.	121	Galvanized wire, &c.....	17 00
31	T. C. Pense	122	Traveling-expenses	14 45
11	S. T. Browne, paymaster and naval store-keeper.	123	Articles for office use.....	3 73
15	L. G. Gassaway	124	Articles for department of physics and chemistry.	27 13
15	do	125	do	621 07
22	Thomsen & Muth	136	Paint-brushes	53 82
17	J. Corkins	140	Freight	31 25
28	Reuter & Mallory	145	Hardware	11 94
25	Solomons & Chapman	146	Books for superintendent's of- fice.	20 70
29	Devlin & Co	147	Uniform for bandman.....	12 00
27	Paymaster S. T. Browne, naval store-keeper.	148	Books for department math- ematics.	10 50
31	Jean White	149	Music for use of band.....	3 00
31	R. Swann	150	Rent of quarters for band....	215 20
31	A. Meyett	151	Cleaning vaults.....	30 00
31	H. McCusker	152	Rent of house for foreman of gas and steam-heating de- partment.	15 00
31	Annapolis Water Company.	154	Water for March	740 63
31	W. H. F. Wilson & Son.....	160	Hardware	18 15
31	J. S. M. Basil.....	161	Hay and bran	7 50
31	J. S. M. Basil & Parlett....	162	Lumber and lime	116 16
31	G. E. Franklin	168	Hardware	46 37
31	J. S. M. Basil	172	Bran and oats	32 50
31	E. P. Dutton & Co.	173	Music for use in chapel.....	2 10
31	Graham, Emlen & Passmore	174	Lawn-grass mower	134 00
31	Adams Express Company .	176	Freight on Government pack- ages.	37 70
Apr. 17	William Taylor.....	1	Traveling-expenses	7 00

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1875-'76—Continued.*

Date.	Name.	No.	Nature of service.	Amount.
1876.				
Apr. 17	P. H. Gibbs	2	Traveling-expenses	\$1 75
8	Western Union Telegraph Company.	3	Dispatches on public service..	6 63
8	M. Oliver	5	Traveling-expenses	2 00
12	Paymaster W. Goldsborough.	7	Articles for department of seamanship.	7 56
11	D. J. Sanders	8	Sand, and freight on bricks...	81 08
12	Charles Johnson	9	Sand	3 00
17	T. Monroe	10	Molding, &c	12 76
17	J. H. Cook & Son	11	Wharfage for steamer Phlox..	3 00
17	R. Sinclair & Co	17	Hardware	2 90
18	Army and Navy Journal....	18	Copies of Army and Navy Journal.	1 50
17	S. Edwards & Co	19	Hay and oats	196 22
17	H. W. Shetlich	20	Repairing musical instruments.	12 00
20	Baker Bros. & Co	21	Paints	42 80
19	Reuter & Mallory	22	Hardware	98 15
18	Towner, James & Co	23	Articles for department of steam-machinery.	4 35
25	F. H. Lucas	35	Type	17 62
25	D. J. Sanders	36	Gravel	72 00
28	G. W. Buck & Co	37	Articles for repairs of carts...	25 00
30	R. Swann	38	Rent of quarters for band...	216 00
30	H. McCusker	39	Rent of house for foreman of gas and steam-heating department.	15 00
30	A. Meyett	40	Cleaning vaults	30 00
30	Annapolis Water Company ..	41	Water for April	758 09
30	Warren Choate & Co	43	Articles for use in Superintendent's office.	24 60
29	G. E. Franklin	46	Hardware	64 63
30	J. S. M. Basil	47	Hay and bran	28 88
30	J. S. M. Basil & Parlett	48	Lumber and lime	27 47
29	W. H. F. Wilson & Son	49	Sheet-tin, &c	19 51
29	Edward Johnson	50	Shells, &c	7 20
30	Adams Express Company	56	Freight on Government packages.	31 38
30	Western Union Telegraph Company.	57	Dispatches on public service..	6 60
May 3	D. J. Sanders	60	Sand	25 80
8	F. D. Buck	61	Hardware	21 77
8	J. Covington	62	Shells	79
8	Otto Duker & Co	64	Lumber	61 86
8	Paymaster S. T. Browne, naval storekeeper.	66	Articles for department of drawing.	4 29
5	Adams Express Company	67	Articles for repair of furniture.	8 38
11	C. Y. Davidson & Co	68	Hardware	12 47
9	Edward Johnson	69	Discharging and handling coal.	18 91
12	Tice & Lynch, agents	71	Books for library	243 02
18	Owners Waters's wharf	72	Wharfage for steamer Triana.	9 00
15	J. Thomas & Son	73	Lumber, &c	796 00
11	D. J. Sanders	74	Sand	47 40
16	Cushings & Bailey	75	Books for library	137 41
18	T. J. Hall, agent	76	Strings for use of band	21 13
18	J. Turnbull, jr., & Co	77	Tar-paper	8 28
19	Reuter & Mallory	78	Hardware	11 50
18	Newburgh Orrel Coal Co	79	Coal	361 49
18	Thomsen & Muth	80	Paint-brushes	45 25
16	H. Balderston & Son	82	Galvanized wire	74 35
27	J. S. Hays	87	Repairing harness	3 00

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1875-'76—Continued.*

Date.	Name.	No.	Nature of service.	Amount.
1876.				
May 31	C. E. Munroe	89	Articles for department of physics and chemistry.	\$2 00
27	H. Bolton & Co	90	Paint and turpentine	64 34
30	John M. Smith	91	Oil	49 72
27	William M. Ellicott & Sons.	92	Paint	204 75
31	Cotter Bride	93	Rustic settees	49 50
30	Magne & Chipman	94	Chairs	65 00
30	Bullock & Crenshaw	95	Articles for department of physics and chemistry.	12 50
31	J. T. E. Hyde, jr	97	Oil	10 00
31	J. Turnbull, jr., & Co	98	Tar-paper	4 19
31	Annapolis Water Company.	99	Water for May	650 53
31	A. Meyett	100	Cleaning vaults	30 00
31	H. McCusker	101	Rent of house for foreman of gas and steam-heating works.	15 00
31	R. Swann	102	Rent of bandmen's quarters.	216 00
31	J. S. M. Basil	103	Bran	7 50
31	J. S. M. Basil & Parlett	105	Lumber, lime, and cement	60 20
31	Paymaster S. T. Browne, naval storekeeper.	106	Articles for department of steam-engineering.	9 45
31	W. H. F. Wilson & Son	107	Hardware	42 42
31	G. E. Franklin	109	do	81 94
31	Western Union Telegraph Company.	126	Dispatches on public service..	14 21
31	Adams Express Company...	127	Freight on Government packages.	16 50
31	Handy & Rullman	128	Varnish, alcohol, &c	62 50
31	J. Turnbull, jr., & Co	129	Matting	235 06
31	H. Bolton & Co	130	Varnish	15 00
31	Edward Johnson	131	Cartage	11 25
31	C. C. Fulton & Son	133	Advertising	15 00
31	Reuter & Mallory	134	Hardware	41 29
31	B. G. Perry	135	Harness	3 50
31	Paymaster W. Goldsborough.	137	Working-suits	22 00
June 6	J. Russell	138	Repairing boat	75 00
12	M. A. Aughrn	139	Books for library	73 70
9	W. W. Hendrickson	140	Articles for department of mathematics.	10 00
17	Becker & Sons	141	Balance	20 00
13	Reuter & Mallory	142	Hardware	4 50
23	Major W. B. Slack, Marine Corps.	143	Clothing, (uniform for band).	129 45
16	Cotter Bride	144	Rustic settees	21 00
13	J. D. Bennett	145	Pine wood	87 75
15	T. J. Hall, agent	147	Articles for use of band	5 75
17	Tice & Lynch, agents	148	Books for library	76 00
22	Oliver Eldridge	149	Traveling-expenses as member of board of visitors.	411 50
22	E. C. Anderson	152	do	105 00
22	D. C. Gilman	153	do	3 00
22	A. J. Edgerton	154	do	127 70
22	T. B. Myers	155	do	24 00
22	S. L. Phelps	156	do	7 00
22	E. D. Neill	157	do	117 00
22	R. B. Potter	158	do	19 30
21	J. W. Griffiths	159	Books for library	12 00
23	C. C. Clark & Co	160	Stationery	84 92
21	Otto Duker & Co	161	Lumber	771 55
21	C. Y. Davidson & Co	162	Hardware	16 55

No. 8.—*Abstract of vouchers of the Naval Academy under appropriation contingent Naval Academy, 1875-'76—Continued.*

Date.	Name.	No.	Nature of service.	Amount.
1876.				
June 21	Reuter & Mallory	163	Hardware	\$175 72
23	Baker Bros. & Co	164	Glass and putty	45 83
23	Thomsen & Muth	165	Paint-brushes	17 52
24	Holmes & Co	167	Hardware	85 42
28	Cushing & Bailey	168	Books for library	100 13
24	C. H. Hopkins	169	Negatives and prints from some of views of academy, for contribution to Centen- nial.	192 50
24	Baker Bros. & Co	171	Glass	20 00
24	I. N. Richardson	172	Repairing bandmen's uni- forms.	32 50
30	S. Edwards & Co	173	Hay, oats, and middlings.	140 91
30	Chronicle Publishing Com- pany.	175	Advertising	37 00
29	M. S. Summerline	176	Repairing carpet	1 00
29	Paymaster S. T. Browne, naval storekeeper.	177	Articles for superintendent's office.	4 57
28	Solomons & Chapman	178	do	49 75
30	Annapolis Water Company.	180	Water for June	538 13
30	Tice & Lynch, agents	181	Books for library	226 36
30	A. Meyett	182	Cleaning vaults	30 00
30	H. McCusker	183	Rent of house for foreman of gas and steam-heating works.	15 00
30	R. Swann	184	Rent of quarters for band	216 00
30	Baker Bros. & Co	185	Copperas	6 74
30	J. S. M. Basil	186	Hay	8 17
30	J. S. M. Basil & Parlett	187	Cement, lime, and calcine plas- ter.	110 53
30	D. Van Nostrand	188	Books for library	84 02
30	W. H. F. Wilson & Son	189	Hardware	16 65
30	G. C. Hicks & Co	191	Terra-cotta pipe	160 59
30	G. E. Franklin	192	Hardware	68 51
30	Reuter & Mallory	193	do	265 50
30	H. C. Larrabee & Co	194	Door-frames, &c	86 28
30	T. Monroe	195	Moldings, &c	3 00
30	Cushing & Bailey	201	Books for library	27 50
30	Thomsen & Muth	202	Whitewash-brushes, &c	39 20
30	R. Swann	203	Water-cooler, &c	8 85
30	Edward Johnson	205	Cartage	12 00
30	R. Swann	212	Subsistence for board of vis- itors.	1,462 66
30	Western Union Telegraph Company.	213	Dispatches on public service..	30 08
30	G. N. Potee & Co	214	Bricks	262 50
30	Becker & Sons	215	Balance and weights	366 50
30	J. M. Latimer & Co	216	Anchor-bolting	7 70
30	J. Regester & Sons	217	Hardware	150 67
30	Adams Express Company ..	218	Freight on Government pack- ages.	29 04
30	Reuter & Mallory	219	Hardware	12 33
30	D. J. Sanders	220	Sand, and freight on bricks ..	160 98
	Total			22,030 59

A. S. KENNY,
Paymaster, United States Navy.

No. 9.—*Detailed statement of expenditures on account of contingencies Marine Corps for the year commencing December 1, 1875, and ending November 30, 1876.*

Name.	Object of expenditure.	Amount.
John Seton	Repairing furnace	89 25
J. H. & W. R. Cosgrove	Locks, staples, &c	5 94
Joseph Howard	Cartage	1 00
Michael Walsh	Packing-boxes	49 91
Charles Suskey	Cartage	15 00
Do	do	2 25
Washington Gas-Light Company	Gas	85 65
Brooklyn Gas-Light Company	do	136 20
John P. Sweetzer	Stores, &c	89 91
J. H. Foster	Stationery	15 20
N. F. Mathes & Co.	Locks, hinges, &c	17 09
Philadelphia Gas-Works	Gas	39 56
Bvt. Capt. G. B. Haycock	Traveling-expenses	10 02
George E. Franklin	Brooms	6 00
Ray Bros	Mess-boiler	20 00
D. B. Reid	Freight	2 75
George B. Carse	Advertising	20 00
Adams Express Company	Freight	10 15
D. C. Forney	Advertising	15 36
Western Union Telegraph Company	Telegrams	1 61
H. Williams	Brooms	9 00
Charles T. Wright	Bowls	4 20
H. R. Winchester	Straw	13 93
Webb & Beveridge	Bowls	4 50
George Cummings	Repairs	36 28
Do	do	34 31
Do	do	34 27
Ray Bros	Repairing mess-boiler	12 00
James Nuttall	Plumbing	5 40
D. Pulman	Freight	1 50
P. McElroy	Stationery	5 73
P. R. Walsh	Oil	5 74
John M. Edwards & Son	Repairing hose-carriage	20 00
T. F. Bradley	Brooms, &c	14 55
James Hogan	Stationery	71 45
J. D. Baxter	Nails, &c	15 38
Thomas Silliman	Straps for boxes	25 20
Michael Walsh	Packing-boxes	85 50
Sampson McCandless	Cartage	55 00
Charles Miller	Commutation quarters	10 00
Per-diem roll, headquarters	Per-diem pay	28 35
Felder Magruder	Straw	20 35
Mrs. Julia Dodrell	Washing for prisoners	9 25
Per-diem roll, marine band	Per-diem pay	276 30
Per-diem roll, Brooklyn, N. Y.	do	27 65
Norris Peters	Photographing	2 00
Mary Wood	Washing for prisoners	2 50
John A. Stevenson	Freight	50
P. P. Little & Co	Brooms	5 25
J. T. Campbell	Lumber	3 00
George E. Wheeler	Straw	22 53
George Cummings	Plumbing	1 56
Do	do	19 01
John E. Prince	Sperm-oil	2 00
Brooklyn Gas-Light Company	Gas	157 50
Sergt. H. Moon	Per diem	27 65
Do	Commutation quarters	30 00
Philadelphia and Charleston Steamship Company	Freight	9 19
Pennsylvania Railroad Company	do	28 74
Adams Express Company	do	46 90

No. 9.—Detailed statement of expenditures on account of contingencies
Marine Corps—Continued.

Name.	Object of expenditure.	Amount.
Philadelphia, Wilmington and Baltimore Railroad Company	Freight	\$22 89
A. C. Wactele, treasurer	Advertising	16 80
F. P. Thompson	Straw	27 54
Lewis Hunt	Screws, nails, &c	1 75
Charlestown Gas Company	Gas	191 70
Mystic Water Board	Water	98 46
John Mullett	Brooms, oil, &c	20 67
Frederick M. Reed	Stationery	27 68
Patrick Carr	Repairing furnace	12 65
W. H. Stevens & Co	Repairing stoves	23 65
Cook, Rhymes & Co	Repairing steam-boiler	7 09
Frank A. Titus	Repairing gas-fixtures, &c	49 58
Do	do	9 07
Robert Pepper	Straw	26 64
W. H. Dempsey	Stationery	38 30
Peters Bros	Straw	31 00
W. E. Roach & Son	Repairing stoves, &c	16 00
H. H. Sanders	Brooms, bowls, &c	25 00
Maj. George R. Graham	Ferriage	18 50
Chronicle Publishing Company	Advertising	30 00
Daniel Hussey	Shoeing public horses	11 49
P. R. Walsh	Saw-file	50
James Nuttall	Plumbing	46 50
Charles C. Fulton & Co	Advertising	11 00
Charles Suskey	Cartage	12 50
E. C. Spinney	Straw	7 26
Do	Scavenging	30 00
Samuel McIntyre	Toll	12 50
James H. Foster	Stationery	3 35
Ryder & Cotton	Gas-oil	161 28
N. F. Mathes & Co	Glass, nails, &c	10 01
Washington Gas-Light Company	Gas	104 65
Philadelphia Gas-Works	do	38 41
B. S. Osborne	Advertising	18 00
W. C. & F. P. Church	do	14 40
Peacock, Featherstone & Co	do	20 80
E. C. Spinney	Straw	12 73
W. W. Clapp, treasurer	Advertising	8 75
Adams Express Company	Freight	14 63
J. H. Pumphrey	Arresting stragglers	30 00
Arch. Donaghy	Plumbing	10 00
P. Fletcher	Cartage	1 50
George B. Blizzard	Repairing mess-furniture	4 75
Alex. Loller	Glass, nails, &c	7 10
William Stone	Cartage	19 71
Edward Hogan	do	42 50
R. Magee & Son	Stationery	5 39
Do	do	20 32
W. F. McClennan	Straw	42 44
P. R. Walsh	Oil, brooms, &c	46 53
P. McElroy	Stationery	5 56
William Sparks	Labor	5 00
Herman Bumbgarten	Repairing stamps, adjutant's office	4 00
Do	do	2 50
H. S. Halley	Straw	31 75
Ryan & Earnshaw	Brooms	4 50
George Barber	Arresting stragglers	10 00
William Handler	Freight	1 00
Thomas P. Loughran	Stationery	13 16
James H. Logan	Apprehending deserters	20 00
James Vickers	Cartage	1 50

No. 9.—*Detailed statement of expenditures on account of contingencies
Marine Corps—Continued.*

Name.	Object of expenditure.	Amount.
William Hermanspan	Advertising	\$18 00
Per-diem roll, headquarters	Per-diem pay	27 30
Charles Miller	Commutation quarters	10 00
S. McCandless	Cartage	13 00
Michael Walsh	Packing-boxes	78 50
A. Donaghy	Plumbing	12 00
D. C. Forney	Advertising	14 00
J. W. Driscoll	Lamps	83 00
Charles Suskey	Cartage	11 50
William Handler	Freight	1 25
H. F. Hicks	Boilers	10 00
Washington Gas-Light Company	Gas	109 90
Daniel M. Keyes	Apprehending deserters	10 00
John A. Smith & Co	Buckets	15 00
Alex. Thompson	Cleaning chimneys	6 00
Brooklyn Gas-Light Company	Gas	180 90
Adams Express Company	Freight	9 50
W. J. Murtagh	Advertising	51 00
G. W. Stainrook	Arresting deserters	20 00
Frederick McCrellich	Advertising	11 00
William Sparks	Work on flag-staff	1 00
Thompson & Co	Repairs on public carryall	12 30
C. A. Schneider	Grave for cook-room	2 55
W. McCready	Freight	99
E. P. Waters, treasurer	Advertising	5 00
Lieut. James B. Smyser	Expenses of detachment	3 20
John A. McDewitt	Arresting straggler	10 00
James Nuttall	Plumbing	5 00
First Sergeant F. Gerell	Transportation troops	05
H. I. Gregory	Mess utensils	11 25
H. Williams	Brooms	16 00
A. Donaghy	Plumbing	11 50
Ray Brothers	Repairing mess utensils	3 10
James Howard	Cartage	1 50
George Barber	Apprehending stragglers	20 00
Lieut. W. C. Turner	Expenses of detachment	50
Lieut. L. J. Gulick	Transportation troops	10 50
Lieut. B. R. Russell	do	6 34
George Barber	Apprehending stragglers	10 00
Per-diem roll, headquarters	Per-diem pay	25 55
Charles Miller	Commutation quarters	10 00
C. McK. Oerting	Brooms, oils, &c	53 55
Theodore Lewis	Cartage	1 00
Michael Walsh	Packing-boxes	29 00
Charles Suskey	Cartage	11 50
Washington Gas-Light Company	Gas	92 65
W. H. Dempsey	Stationery	45 20
C. McK. Oerting	Stove	25 00
Cantwell & Baird	Storage	10 00
William Handler	Freight	2 00
Adams Express Company	do	9 50
H. Williams	Corn-brooms	4 75
Brig. Gen. J. Zeilin	Telegram	20
Western Union Telegraph Company	do	75
Zurhorst & Brothers	Funeral-expenses	31 00
P. McElroy	Stationery	7 10
P. R. Walsh	Oil, glass, &c	4 20
William O. Pettit	Bowls, &c	27 80
A. Donaghy	Plumbing	9 75
Do	do	11 70
Brooklyn Gas-Light Company	Gas	130 63
W. S. Mitchell	Carpet	52 26

No. 9.—*Detailed statement of expenditures on account of contingencies Marine Corps—Continued.*

Name.	Object of expenditure.	Amount.
John Seton	Repairing range	\$10 00
A. C. Deitz & Co	Oil	38 52
Henry R. Wells, treasurer	Advertising	17 60
A. Donaghy	Plumbing	13 45
J. H. & W. R. Cosgrove	Hinges, screws, &c.	5 32
H. Sullivan	Repairing boilers and pans	4 75
Thomas P. Loughran	Stationery	9 67
Robert Bowie	Straw	18 00
Conrad Wissell	Removing nuisance	30 00
Charles Miller	Commutation quarters	10 00
W. H. Dempsey	Stationery	40 70
Per-diem roll, marine band	Per-diem pay	273 70
Per-diem roll, headquarters	Per-diem pay	28 35
Thomas F. Bradley	Soap, brooms, &c	13 12
Thomas Silliman	Straps for boxes	15 15
James Hogan	Stationery	49 07
J. B. Baxter	Nails, &c	13 95
Michael Walsh	Packing-boxes	26 80
Sampson McCandless	Cartage	61 50
Mrs. Julia Dodwell	Washing for prisoners	3 00
F. A. Leach	Advertising	8 62
Per-diem roll, Brooklyn	Per-diem pay	27 30
Sergt. H. Mason	do	27 30
Do	Commutation quarters	30 00
A. Donaghy	Plumbing	19 20
Washington Gas-Light Company	Gas	100 15
Charles Suskey	Cartage	14 00
P. P. Little & Co	Sundries	15 30
James T. Yope	Repairing chairs	3 48
Brooklyn Gas-Light Company	Gas	104 23
Richard Curtis	Apprehending straggler	10 00
James A. Gordan	Brooms, &c	20 40
W. E. Roach	Repairing stoves, &c	21 00
Peters Brothers	Straw	32 42
Capt. G. W. Collier	Ferriage	14 50
Charles T. Wright	Stove-pipe	2 50
Adams Express Company	Freight	27 70
George E. Franklin	Brooms	5 20
John P. Sweetzer	Repairing stoves	18 98
J. H. Foster	Stationery	16 21
William Handler	Freight	29 70
Robert Pepper	Straw	31 68
George E. Wheeler	do	12 57
F. P. Thompson	do	24 84
Lewis Hunt	Nails, &c	7 39
Charlestown Gas Company	Gas	165 27
John Mullett	Brooms, &c	12 70
N. A. Stevens & Co	Repairing stoves	3 85
Mystic Water Board	Water	117 78
W. R. Hall	Repairing chairs	3 66
Cook, Rhymes & Co	Repairing cooking-apparatus	57 85
Frank A. Titus	Repairing gas-fixtures	7 25
F. M. Reed	Stationery	26 20
A. S. Wilson	Straw	14 54
W. F. Mathes & Co	Brooms, lime, &c	20 76
A. P. Wendall & Co	Nails, glass, &c	6 67
Pennsylvania Railroad Company	Freight	23 23
John S. Wilson, general agent	do	10 93
Warren Choate & Co	Stationery	7 56
Do	do	35 37
James Nuttall	Plumbing	10 00
Daniel Hussey	Shoeing pack-horses	5 68

No. 9.—*Detailed statement of expenditures on account of contingencies Marine Corps—Continued.*

Name.	Object of expenditure.	Amount.
J. F. Tobin.....	Straw.....	\$13 52
Frank Osborne.....	Packing-boxes.....	10 00
Adam Calhoun.....	Arresting deserters.....	10 00
M. Costello.....	Plates.....	4 00
James Seton.....	Repairing stoves.....	6 00
P. McElroy.....	Stationery.....	5 56
P. R. Walsh.....	Bowls, hinges, &c.....	50 14
C. McK. Oerting.....	Oil, &c.....	23 90
G. Bell.....	Stationery.....	12 50
Conrad Wissell.....	Cleaning sink.....	40 00
Adams Express Company.....	Freight.....	65 05
Richard Curtis.....	Apprehending deserters.....	10 00
Do.....	do.....	20 00
J. H. Pumphy.....	do.....	20 00
Richard Curtis.....	do.....	20 00
Ryder & Cotton.....	Gas-oil.....	148 6c
William Handler.....	Freight.....	25
Sergt. C. Stuart.....	Traveling-expenses.....	45
H. Williams.....	Stove-polish.....	2 40
A. Donaghy.....	Plumbing, &c.....	10 50
John Seton.....	Repairing range.....	9 20
George Cummings.....	Plumbing.....	9 90
J. H. & W. R. Cosgrove.....	Nails, locks, &c.....	3 56
Richard Magee.....	Stationery.....	11 26
Richard Magee & Son.....	do.....	4 59
George C. Cross.....	Straw.....	15 00
Per-diem roll, headquarters.....	Per-diem pay.....	26 25
Charles Miller.....	Commutation quarters.....	10 00
Nassau Water Department.....	Water.....	16c 21
Do.....	do.....	99 70
George W. Venable.....	Mess-pan.....	11 52
Charles Snuskey.....	Cartage.....	7 50
Michael Walsh.....	Packing-boxes.....	15 20
Capt. H. R. Lowrey.....	Stationery, &c.....	118 21
J. H. & W. R. Cosgrove.....	Nails, spades, &c.....	16 15
A. Donaghy.....	Plumbing.....	15 50
John Seton.....	Lanterns.....	11 00
Henry Williams.....	Scrubbing-brushes.....	2 50
Washington Gas-Light Company.....	Gas.....	76 40
Adams Express Company.....	Freight.....	11 60
P. McElroy.....	Stationery.....	27 56
Do.....	do.....	13 95
Ryan & Earnshaw.....	Brushes.....	13 50
H. S. Hanley.....	Straw.....	14 12
W. H. Dempsey.....	Stationery.....	22 05
Patrick McKenney.....	Repairing grate.....	7 00
Benjamin J. Donaldson.....	Repairing chairs.....	18 75
Brooklyn Gas-Light Company.....	Gas.....	99 22
W. H. Dempsey.....	Stationery.....	52 60
James P. Barnard.....	Sundries.....	26 23
Per-diem roll, headquarters.....	Per-diem pay.....	24 35
Charles Miller.....	Commutation quarters.....	10 00
Thomas P. Loughran.....	Stationery.....	13 12
Charles Snuskey.....	Cartage.....	7 50
Washington Gas-Light Company.....	Gas.....	55 75
Capt. H. B. Lowrey.....	Cartage.....	31 13
Adams Express Company.....	Freight.....	75
W. J. Murtagh.....	Subscription National Republican.....	1 00
W. P. Clyde & Co.....	Freight.....	12 47
Michael Walsh.....	Packing-boxes.....	32 75
Jacob Reed.....	Making bed-sacks.....	40 20
Adams Express Company.....	Freight.....	11 40

No. 9.—Detailed statement of expenditures on account of contingencies
Marine Corps—Continued.

Name.	Object of expenditure.	Amount.
Western Union Telegraph Company...	Telegrams.....	\$5 82
James Nuttall.....	Gas-fitting	7 00
Brooklyn Gas-Light Company.....	Gas	40 15
H. I. Gregory.....	Tin cups	5 00
J. T. Campbell.....	Lumber	12 26
P. P. Little & Co.....	Brooms, &c.....	25 65
Frank A. Titus.....	Water-closet.....	156 50
Smith, Burge & Co.....	Wash-stands.....	48 00
James Nuttall.....	Plumbing	7 00
Charles T. Wright.....	Water-cooler, &c.....	8 50
W. McCredy, auditor.....	Freight.....	8 23
W. J. Furguson.....	Paints.....	40
James E. Ray.....	Straw	12 82
Edward Dunn.....	Scrub-brushes.....	2 50
T. Howard.....	Whitewashing.....	6 00
Samuel Hussey.....	Shoeing horses.....	8 33
Charles Daly.....	Apprehending deserters.....	11 11
P. McElroy.....	Stationery.....	7 22
George E. Franklin.....	Brooms.....	5 60
P. Taltabull & Son.....	Repairing furniture.....	45 00
Per-diem roll, marine band.....	Per-diem pay.....	273 00
Warren Choate & Co.....	Stationery.....	14 71
Do.....	do.....	73 17
Do.....	do.....	23 65
A. Donaghy.....	Plumbing	4 50
Nassau Water Department.....	Water.....	40 00
William O. Pettit.....	Bowls, &c.....	17 60
James Seton.....	Repairing ranges, &c.....	22 20
Charles T. Wright.....	Iron, &c.....	1 50
Wash. B. Williams.....	Furniture, &c.....	98 00
Do.....	do.....	21 00
Per-diem roll, headquarters.....	Per-diem pay.....	27 30
Charles Miller.....	Commutation quarters.....	10 00
P. R. Walsh.....	Sundries.....	84 20
James Hogan.....	Stationery.....	43 23
Thomas Sidleman.....	Straps for boxes.....	21 30
Michael Walsh.....	Packing-boxes.....	71 40
S. McCandleless.....	Cartage.....	38 00
T. F. Bradley.....	Soaps, oil, &c.....	12 36
William Handler.....	Freight	2 50
Charles Suskey.....	Cartage.....	10 50
Do.....	do.....	2 00
Fletcher & Canton.....	Furniture.....	20 60
C. H. Mendum & Co.....	Carpets.....	138 78
Do.....	do.....	79 38
E. M. Brown & Co.....	Furniture.....	61 22
Daniel McIntyre.....	Toll.....	12 50
Washington Gas-Light Company.....	Gas	51 05
J. H. Foster.....	Stationery.....	15 84
N. F. Mathes & Co.....	Brooms, &c.....	10 05
John P. Smetzer.....	Coal-hod, &c.....	4 28
A. P. Wendall & Co.....	Locks, lanterns, &c.....	6 61
Joel Goldthwaite & Co.....	Carpets.....	183 00
Michael Walsh.....	Packing-boxes.....	100 00
C. N. Holmes.....	Sharpening tools.....	4 60
Philadelphia and Reading Express Company.....	Freight	3 85
Warren Choate & Co.....	Stationery.....	12 80
Capt. H. B. Lowrey.....	do.....	31 68
Sergt. H. Mean.....	Commutation quarters.....	30 00
Joel Goldthwaite & Co.....	Carpets.....	145 00
W. S. Mitchell.....	do.....	186 50

No. 9.—*Detailed statement of expenditures on account of contingencies Marine Corps—Continued.*

Name.	Object of expenditure.	Amount.
W. S. Mitchell.....	Carpets.....	\$84 00
Do.....	do.....	80 63
Do.....	do.....	106 00
Per-diem roll, Brooklyn.....	Per-diem pay.....	27 30
A. J. Wilson.....	Straw.....	11 25
George E. Wheeler.....	do.....	35 09
W. B. Moore & Son.....	Repairing refrigerators.....	3 97
F. P. Thompson.....	Straw.....	22 56
Lewis Hunt.....	Hardware.....	32
Charlestown Gas Company.....	Gas.....	84 42
Mystic Water Board.....	Water.....	87 4
John Mullett.....	Brooms, brushes, &c.....	14 52
F. M. Reed.....	Stationery.....	20 19
F. A. Titus.....	Plumbing.....	13 50
Cook, Rhymes & Co.....	Repairing cooking-apparatus.....	8 55
Robert Pepper.....	Straw.....	30 00
Stewart & Co.....	Carpets.....	95 00
Do.....	do.....	64 75
Do.....	do.....	229 10
N. F. Mathes & Co.....	Gas-oil.....	47 77
Sergt. H. Mean.....	Per-diem pay.....	27 30
J. M. McInnis.....	Brooms, &c.....	10 56
J. F. Torlin.....	Straw.....	15 37
Great Falls Ice Company.....	Ice.....	8 74
Adams Express Company.....	Freight.....	9 20
W. F. Scott.....	do.....	6 50
George Besitpath.....	Furniture.....	31 50
Daniel Caulk.....	Funeral-expenses.....	20 00
Peters Brothers.....	Straw.....	33 40
W. F. McClennan.....	do.....	7 50
James D. Kirkpatrick.....	Tin pans, &c.....	19 47
W. H. Dempsey.....	Stationery.....	117 30
Do.....	do.....	28 15
Do.....	do.....	11 28
W. H. Garges & Bro.....	Hand-cart.....	50 00
Zurhorst & Bro.....	Burial of marine.....	31 00
Richard Curtis.....	Apprehending stragglers.....	10 00
James Nuttall.....	Plumbing.....	11 00
W. T. Scott, agent.....	Freight.....	2 48
Witnel Eason.....	Apprehending stragglers.....	20 00
M. T. Powell.....	do.....	20 00
Richard Curtis.....	do.....	10 00
Do.....	do.....	10 00
Capt. G. W. Collier.....	Ferriage.....	14 50
Charles T. Wright.....	Brooms.....	5 20
James S. Wilson, agent.....	Freight.....	17 00
William P. Clyde & Co.....	do.....	12 55
Pennsylvania Railroad Company.....	do.....	35 32
Charles T. Wright.....	Brushes, &c.....	43 35
M. Castello.....	Knives, &c.....	11 00
Thomas P. Loughran.....	Stationery.....	9 4
Per diem roll, headquarters.....	Per-diem pay.....	27 30
Charles Miller.....	Commutation quarters.....	10 00
Bernard Reilly.....	Labor.....	39 00
Charles Suskey.....	Cartage.....	10 00
H. S. Halley.....	Straw.....	17 4
W. S. Mitchell.....	Carpet.....	135 00
Washington Gas-Light Company.....	Gas.....	40 00
Adams Express Company.....	Freight.....	9 50
Do.....	do.....	64 00
Do.....	do.....	12 00
Do.....	do.....	44 00

No. 9.—*Detailed statement of expenditures on account of contingencies
Marine Corps—Continued.*

Name.	Object of expenditure.	Amount.
Great Falls Ice Company	Ice	\$7 00
Brooklyn Gas-Light Company	Gas	53 90
Sergt. Charles Lombardy	Traveling-expenses	37
Charles T. Wright	Matches, &c	6 75
Euton Seiber	Cleaning sink	15 00
A. Donaghy	Bath-tub	35 00
Ed. W. Thompson	Repairing chairs	6 00
W. J. Greensdale	Boilers	32 00
M. Costello	Bowls, &c	6 00
C. McK. Oerting	Lumber, &c	2 20
Lient. C. L. Sherman	Transportation troops	4 90
D. McElroy	Stationery	5 50
Do	do	10 00
J. McInnis	Lime, &c	20 33
James A. Jordan	Brooms, &c	17 70
W. H. Wilson, jr.	Paint, &c	26 90
Thomas H. Griffin	Repairing bedstead	24 00
J. H. & W. R. Cosgrove	Nails, locks, &c	5 10
J. McWilliamson	Cartage	5 25
James Logan	Transportation troops	1 00
A. Donaghy	Plumbing	26 00
H. Williams	Brooms	10 25
H. Sullivan	Repairing mess-boiler	7 85
Zurhorst & Bro	Burial of marine	31 00
Lient. J. C. Shailer	Freight	6 00
Per-diem roll, headquarters	Per-diem pay	28 35
Charles Miller	Commutation quarters	10 00
Charles Daly	Apprehending deserter	22 20
E. A. Willett	Freight	4 57
Sergt. H. Mean	Commutation quarters	20 00
Bernard Reilly	Labor	40 50
Michael Walsh	Packing boxes	143 00
Great Falls Ice Company	Ice	7 56
Charles Suskey	Cartage	9 50
Southern Steamship Company	Freight	2 19
Adams Express Company	do	20 85
Washington Gas-Light Company	Gas	59 60
J. McInnis	Sundries	80 83
Brooklyn Gas-Light Company	Gas	69 57
James Seton	Repairing grate	2 50
William A. Torrey & Co	Hose	450 00
Per-diem roll, marine band	Per-diem pay	239 75
Do	do	56 75
Per-diem roll, headquarters	do	27 30
Charles Miller	Commutation quarters	10 00
H. Williams	Brooms	31 75
J. D. Frick	Stationery	8 01
Adams Express Company	Freight	85 45
Bernard Reilly	Labor	39 00
Joe. Stockton	Freight	1 00
Sergt. H. Mean	Per diem	27 65
Do	Commutation quarters	10 00
Sampson McCandless	Cartage	71 50
Michael Walsh	Packing-boxes	78 90
Thomas Sidleman	Straps for boxes	37 05
Joseph Hogan	Stationery	54 12
Thomas F. Bradley	Brooms, &c	15 51
J. B. Baxter, jr.	Nails, &c	20 00
Thomas Basil	Apprehending deserters	10 00
Do	do	20 00
George C. Ward	Brooms, &c	6 90
P. McElroy	Stationery	7 14

No. 9.—*Detailed statement of expenditures on account of contingencies Marine Corps—Continued.*

Name.	Object of expenditure.	Amount.
Daniel Hussey.....	Shoeing horses	\$13
William Sherer.....	Ferriage	3
J. H. Foster.....	Stationery	17
John P. Sweetzer.....	Labor, &c.....	25
N. F. Matthes & Co.....	Bowls, &c.....	25
Jackson & Co.....	Repairing gas-meter	12
Ryder & Cotton.....	Oil	77
A. P. Wendall & Co.....	Glass, lime, &c.....	27
Per-diem roll, Brooklyn.....	Per-diem pay.....	27
George E. Wheeler.....	Straw.....	31
P. P. Little & Co.....	Knives, forks, &c.....	27
E. C. Spinney.....	Straw.....	13
Capt. G. W. Collier.....	Ferriage	14
Peters Bros.....	Straw.....	51
George W. Fauth.....	Repairing mess utensils.....	7
Mary A. Miller.....	Washing for prisoners.....	3
James Nuttall.....	Plumbing	6
E. M. Whitaker.....	Stationery	58
Charles Suskey.....	Cartage	2
E. Storer, cashier.....	Gas	65
L. C. Bond, deputy register.....	Water	124
Great Falls Ice Company.....	Ice	74
Washington Gas-Light Company.....	Gas	68
Adams Express Company.....	Freight	43
Thomas Basil.....	Apprehending deserters.....	180
M. Costello.....	Plates, &c.....	4
H. S. Halley.....	Straw.....	170
Jacob Johnson.....	Sweeping chimney.....	210
John Seton.....	Grate-bars.....	50
A. Donaghy.....	Plumbing	110
John L. Leonard.....	Repairing furnace.....	254
William Currey.....	Whitewashing.....	100
First Sergt. F. Groll.....	Repairing cooking-apparatus.....	72
F. R. Thompson.....	Straw.....	273
Charlestown Gas Company.....	Gas	74
Mystic Water Board.....	Water	105
John Mullet.....	Lime, &c.....	190
T. W. Cushing.....	Stoves.....	440
F. M. Reed.....	Stationery	20
Samuel R. Dugan.....	Straw.....	9
James A. Bean.....	Repairing cart.....	70
Shmedtie Bros.....	Clock	70
Charles T. Wright.....	Shovels, &c.....	223
N. E. Berry.....	Straw.....	100
A. Donaghy.....	Plumbing	250
C. H. Mendum & Co.....	Carpets, &c.....	90
Charles T. Wright.....	Repairing stoves.....	70
A. P. Wendall & Co.....	Chain-pump.....	6
J. W. Colby.....	Towels, &c.....	43
W. W. Dillingham.....	Freight	45
Philadelphia, Wilmington and Baltimore Railroad Company.....	do.....	205
Pennsylvania Railroad.....	do.....	77
H. Williams.....	Brooms, &c.....	57
M. Costello.....	Knives, &c.....	10
J. H. Whitley.....	Kitchen utensils.....	20
B. Y. Pippey.....	Ticking	95
Lieut. C. L. Sherman.....	Traveling-expenses.....	305
George B. French.....	Oil-cloth	10
O. L. Henderson.....	Dump-cart.....	14
Charles S. Jacobs.....	Repairing furnace.....	177
Lock & Montague.....	Fire-brick.....	741

9.—*Detailed statement of expenditures on account of contingencies
Marine Corps—Continued.*

Name.	Object of expenditure.	Amount.
Per-diem roll, headquarters.....	Per-diem pay.....	\$27 30
Charles Miller.....	Commutation quarters.....	10 00
L. Whitely.....	Repairing stoves.....	3 80
Abb & Beveridge.....	Ewers, &c.....	5 90
McElroy.....	Stationery.....	5 38
Charles Snakey.....	Cartage.....	16 50
Washington Gas-Light Company.....	Gas.....	65 00
Thomas Basil.....	Apprehending stragglers.....	10 00
Michael Walsh.....	Packing-boxes.....	103 00
Brooklyn Gas-Light Company.....	Gas.....	80 00
John Wood & Co.....	Chairs.....	24 42
Donasa.....	Repairing chairs.....	6 00
James Express Company.....	Freight.....	6 35
Pat Falls Ice Company.....	Ice.....	7 28
McInnis.....	Bowls, &c.....	27 25
Thomas E. O'Brien.....	Furniture.....	21 97
Richard Curtis.....	Apprehending straggler.....	10 00
Samuel Boswell & Co.....	Desks, &c.....	82 65
D. Wyvill.....	Repairing stoves.....	21 56
Do.....	do.....	30 00
D. Fricke.....	Stationery.....	17 07
John Seton.....	Repairing heaters.....	166 30
Do.....	Coal-hods.....	7 50
Donaghy.....	Plumbing.....	11 50
James Clarke.....	Repairing hand-cart.....	10 00
Charles Daley.....	Apprehending straggler.....	11 11
B. Clark.....	do.....	55 55
W. Schoenck.....	Knives.....	3 50
J. Williams.....	Sperm-oil.....	3 50
Charles T. Wright.....	Stove-pipe.....	1 20
Washington W. James.....	Funeral-expenses marine.....	22 00
H. Mendum & Co.....	Oil-cloth.....	22 00
Morgan W. Venable.....	Mess-pans.....	3 84
McInnis.....	Bowls, plates, &c.....	9 06
Margaret Ryan.....	Washing for prisoners.....	15 00
Per-diem roll, headquarters.....	Per-diem pay.....	27 30
Charles Miller.....	Commutation quarters.....	10 00
Total for year.....		18,369 08

W. B. SLACK,
Quartermaster, United States Marine Corps.

HEADQUARTERS MARINE CORPS,
Quartermaster's Office, December 6, 1876.

THE WORKS AT THE SOUTH PASS OF THE MISSISSIPPI
RIVER.

LETTER

FROM

THE SECRETARY OF WAR,

TRANSMITTING

*The report of the engineer on the condition of the works at South Pass of
the Mississippi River.*

DECEMBER 19, 1876.—Referred to the Committee on Commerce and ordered to be
printed.

WAR DEPARTMENT,
December 18, 1876.

The Secretary of War has the honor to transmit to the House of Representatives, in compliance with the provisions of paragraph 10 of the 4th section of the river and harbor act of March 3, 1875, the fifth report upon the improvement of the South Pass of the Mississippi River, showing the condition of the works on November 18, 1876, by C. B. Comstock, major of engineers, brevet brigadier-general, United States Army.

J. D. CAMERON,
Secretary of War.

OFFICE OF UNITED STATES LAKE SURVEY,
Detroit, Mich., December 6, 1876.

SIR: I have the honor to report the condition of the works carried on by J. B. Eads, for the improvement of the South Pass of the Mississippi River, on November 18, 1876.

My last report gave their condition on August 17, 1876.

MOUTH OF SOUTH PASS.

But little work has been done on the jetties since August 17. That on the east jetty has consisted mainly in the raising of the sea-end, where the piles had disappeared and the top of the jetty had sunk. Between 11,190 and 11,780 feet from East Point the piles had nearly all disappeared, and the top of the jetty was below the surface of the water. (Distances are counted from East Point station, which is 159 feet above the upper end of the east jetty.)

In August and September the original row of piles was redriven with 20 feet intervals for this distance, and a parallel row was driven 35 feet near the channel of the pass, through the first and second tiers of mattresses

already in position. Waling-pieces were fastened to each of the rows, and scantling bridged the intervals between the waling-pieces. On these scantling mattresses were built, and when completed the scantling were pulled out and the mattresses dropped into their places. Thus this part of the jetty was brought above average flood-tide. Between 11,200 and 11,780 feet from East Point it required from two to four tiers of mattresses, equal to a height of from 5 to 10 feet. A quantity of rubble-stone was put on these mattresses, and twenty-one 6 by 12 inch timbers were run diagonally across the top mattresses to keep them in place, their ends being bolted to the piles.

By October 15, the top mattresses had settled a foot between 11,470 and 11,480 feet from East Point, so as to be below average flood-tide, and a part of the stone has been washed off by the sea.

The following table gives the settlement of certain piles at given distances from East Point in east jetty, and from upper end of jetty for west jetty. Interval of time is from July 18, 1876, to October 21, 1876.

	Feet. 12,000	Feet. 11,800	Feet. 11,700	Feet. 11,650	Feet. 11,500	Feet. 11,400	Feet. 11,340	Feet. 11,000
Distance from East Point on east jetty.								
Settlement.....	2.55	1.60	1.45	1.20	1.05	0.97	0.95	0.67
Distance from upper end of west jetty on west jetty.	7,500	7,450	7,400	7,350	7,300	7,250		
Settlement.....	1.60	1.10	1.00	1.10	0.90	0.80		

A quantity of stone has been put on the jetty between 5,250 and 6,090 feet, and between 8,580 and 8,900 feet from East Point, where there was none before. On the sea-side of this jetty foundation-mattresses, 50 feet wide and 2 feet thick, were sunk between 11,400 and 11,800 feet from East Point. Some stone has been placed on the west jetty.

Several additional spur-dams have been constructed below and above the head of the west jetty, on both sides of the pass, their object being to obtain scour at special points. Their construction is about the same as heretofore, namely, a row of piles from 10 to 14 feet apart with mattresses inclined against the upper side.

The new spur-dams are shown on traced sheet No. 1, herewith, and are marked Nos. 15, 16, A, B, C, D, E, F, G, H.

As the inclined mattresses in the spur-dams previously built have in many cases settled down, thus allowing the water to pass freely through the piles, the new spur-dams have their mattresses fastened to the piles by ropes. Some of the mattresses for dams have had a covering of boards put on their upper surface to make them less pervious to water.

Since August 17, as will be seen on comparing the map of that date with the one herewith, there has been no very marked change in depth of water. In some places there has been shoaling; in others (usually where new spur-dams have been constructed) there has been scour.

The following table gives the depth of water that could be carried through each 2,000 feet below East Point station at different dates:

Distances in feet.

	0-2000	2000-4000	4000-6000	6000-8000	8000-10000	10000-12500
June, 1875.....	22.5	18.7	16.7	10.2	9.7	9.2
May, 1876.....	23.3	20.3	22.0	21.0	17.1	15.0
August, 1876.....	23.5	19.6	21.0	23.5	23.0	19.2
November 14, 1876.....	22.0	20.3	21.1	21.2	21.1	20.3

On November 10th there was an aggregate distance of over 2,000 feet below East Point for which the channel of 20 feet or more was less than 200 feet wide.

On the outer slope of the bar the 20-foot curve has moved in between the jetties. On August 17 part of it between the prolongations of the jetties was at an average distance of about 12,300 feet from East Point. On November 14 it had moved about 450 feet toward East Point, and had joined the 20-foot curve inside.

On comparing the 30-foot curves of these two dates but little change will be seen on the whole.

The main survey at the sea-ends of the jetties, which was completed November 10, gave a depth of 19.4 feet through the jetties, and is shown on sheet No. 1 herewith. A few additional soundings on November 14 indicated that there had been a deepening to 20.3 feet near the sea-ends of the jetties, and I directed these soundings to be added to those of November 10. Unfortunately it was not done on sheet No. 1, and cannot now be done without much delay. Hence the statements in this report, which include the soundings of November 14, will give a greater depth of water at the sea-end of the jetties than is shown on sheet No. 1.

HEAD OF PASSES.

On August 8 the piling of wing-dam No. 2, shown on tracing No. 3 herewith, had been completed, and soon after the inclined mattresses were placed against the upper side of the upper row of piling throughout its length. It will be recollected that the piling consisted of two parallel rows 12 feet apart, both driven through a foundation-layer of mattresses 35 feet wide and 22 inches thick. The inclined mattresses differed from those previously constructed in having the brush project on one edge of the mattress for eight or ten feet beyond the frame. In tilting the mattresses against the piling the brush of the mattress goes to the bottom, under the action of the current, when the other edge is raised by a pile-driver. In November an apron of boards, fastened to string-pieces, was placed on the upper side of the inclined mattresses for the whole length of this dam to make it tighter, but the apron was badly broken up a few days later by waves.

Wing-dam No. 2, counting from the jetty, is 1,745 feet long, and a T-head has been put on its end, running in the general direction of the west entrance to the South Pass. This T-head is carried up stream about 800 feet from wing-dam No. 2, and a line of piling has been driven running down stream to the head of the island. Mattresses 35 feet wide were sunk in foundation-layer on the east and west sides of the upper part of this T-head.

Another row of piles was driven through the mattress 10 feet east of the first row, from which they were braced, and mattresses 100' x 15' x 30' were inclined against the east side of this last row. In November a second layer of inclined mattresses, 30 inches thick, was placed over the first, making a total thickness of 5 feet. For 400 feet below wing-dam No. 2 the line of piling has on both its sides a foundation-layer of mattresses 35 feet wide.

For dam No. 3 a line of piling starting from shore near the light-house and running nearly north for 400 feet has been driven. Along it foundation-mattresses are laid, and in the deeper water an inclined mattress is placed against the piles. At its end a cross-line has been driven, forming another, or west, T-head. The west T-head is 900 feet long, and

has a line of foundation-mattresses along 300 feet of its east side, and on its west side above dam No. 3. Mattresses are inclined against the west side of this upper part of the T-head. The two T-heads are 800 feet apart, and form an entrance to the South Pass.

In the latter part of September dredging was begun to make a cut through the shoal water between the two T-heads. The cut is now about 2,000 feet long, from 30 to 90 feet in width, and 18½ feet of water can be carried through it from the main river into the South Pass.

An apron of mattresses has been put across the Southwest Pass to prevent scour. It runs from the west shore to a point near the upper end of the west T-head. A line of piles was driven and mattresses were then sunk against its upper side. Nearly all of these mattresses are 70 feet long, and are sunk side by side, so as to make the apron 70 feet wide. After the mattresses were sunk the piles in the middle of the pass were pulled up to give a passage-way to vessels. Where the water was about 30 feet deep it was found necessary to use piles 60 or 70 feet long to make them stand.

In wing-dam No. 1 the inclined mattresses, like those in the spur-dams at the mouth of the pass, have settled down, letting the water pass through the piles. Accordingly another dam (No. 5) has been built from the lower part of the island across this east entrance to South Pass. In its construction a line of piles 10 feet apart was first driven across the entrance, a waling-piece put on them, and alternate piles were braced from a second row 15 feet farther down stream.

Inch boards in two layers, breaking joints, were then inclined against the waling-piece of the upper row.

The statement in my last report as to the minimum number of men employed was in error, from omitting a stone-gang and some others, amounting to 30 or 40 men.

Three sheets of tracings are forwarded herewith, giving—

1. Soundings at mouth of South Pass;
2. Sections of mattress-work there; and—
3. A plan of works at head of pass.

To avoid delay, the soundings of sheet No. 1 have not been carried far into the Gulf of Mexico.

RECAPITULATION.

In recapitulation, it may be said that between August 17 and November 18, 1876, the work at the mouth of the South Pass has been small in amount, consisting mainly in bringing the sea-end of the east jetty up to average flood-tide, in adding stone to both jetties, and constructing eight new spur-dams. On the whole, there has been little change in the depth of water through the jetties at the mouth of the pass. On November 14, 20.3 feet could be taken through.

At the head of the pass wing-dam No. 2 has been completed and a T-head put on it. Another T has been built out from near the light-house, with a head parallel to that of wing-dam No. 2 and 800 feet from it, these two T-heads forming an entrance to South Pass. Between them a cut of about 2,000 feet long, from 30 to 90 in width, has been dredged, through which 18½ feet of water can be carried from the river to the pass.

A mattress apron 70 feet wide has been put across the bottom of Southwest Pass.

An additional dam has been built across the east entrance to the South Pass. The wing-dams Nos. 1, 2, and 3 at the head of the passes,

as well as the spur-dams between the jetties at the mouth of the pass, are at present temporary structures, although they might be utilized in making more permanent ones.

The force employed at the South Pass by James Andrews & Co. has been about seventy men besides the crews of the steamers. This does not include about thirty men employed by subcontractors in making mattresses, nor other men employed elsewhere in quarrying stone, &c.

Very respectfully, your obedient servant,

C. B. COMSTOCK,

Major of Engineers and Bvt. Brig. Gen.

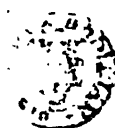
Hon. J. D. CAMERON,

Secretary of War, Washington, D. C.



100-100





CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT.

LETTER

FROM

THE POSTMASTER GENERAL,

TRANSMITTING,

a compliance with the act of June, 1872, a statement of the expenditure of the contingent fund of the Department for the fiscal year ending June 30, 1876.

DECEMBER 21, 1876.—Referred to the Committee on Expenditures in the Post Office Department and ordered to be printed.

POST-OFFICE DEPARTMENT,
OFFICE OF DISBURSING-CLERK AND SUPERINTENDENT,
Washington, D. C., December 20, 1876.

SIR: I have the honor to transmit herewith, in compliance with the 4th section of the act approved June 8, 1872, a detailed statement of the expenditures made from the contingent fund of this Department for the fiscal year ended June 30, 1876.

Very respectfully, your obedient servant,

JAS. N. TYNER,
Postmaster-General.

HON. SAMUEL J. RANDALL,
Speaker of the House of Representatives.

Exhibit of all payments from the contingent fund of the Post-Office Department during the fiscal year ended June 30, 1876.

STATIONERY.

William Ballantyne:	
July 10, 1875, stationery	\$488 44
September 2, 1875, stationery	520 88
December 2, 1875, stationery	351 84
January 17, 1876, stationery	324 11
March 3, 1876, stationery	141 54
April 8, 1876, stationery	680 25
June 27, 1876, stationery	126 39
	<hr/> \$2,633 45

2 CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT.

Wm. H. Dempsey :		
July 12, 1875, stationery	\$89 35	
November 23, 1875, stationery	112 40	
April 7, 1876, stationery	57 29	\$250
G. Crandell :		
July 13, 1875, stationery	107 71	
November 22, 1875, stationery	123 61	
January 12, 1876, stationery	41 61	
March 18, 1876, stationery	362 37	
June 30, 1876, stationery	36 78	672
John C. Parker :		
July 7, 1875, stationery	97 90	
October 13, 1875, stationery	78 50	176
Solomons and Chapman :		
September 1, 1875, stationery	132 19	
November 15, 1875, stationery	121 53	
December 6, 1875, stationery	107 58	
January 7, 1876, stationery	321 60	
March 6, 1876, stationery	42 65	
April 5, 1876, stationery	122 85	
May 5, 1876, stationery	23 75	
June 7, 1876, stationery	86 05	95
Warren Choate & Co. :		
September 4, 1875, stationery	220 28	
January 8, 1876, stationery	72 82	
November 22, 1875, stationery	434 27	
February 2, 1876, stationery	204 52	
March 8, 1876, stationery	108 33	
April 7, 1876, stationery	36 00	
June 3, 1876, stationery	102 76	1,172
Mohun Brothers :		
October 25, 1875, gold pen	2 75	
May 27, 1876, stationery	15 00	17
Morgan Envelope Company :		
September 4, 1875, stationery		1,074
Rogers & Co. :		
September 11, 1875, 1 dozen hones		17
J. B. Adams :		
December 17, 1875, stationery	158 36	
February 28, 1876, stationery	69 80	
April 4, 1876, stationery	18 50	
May 2, 1876, W. C. paper	18 00	
June 6, 1876, stationery	25 50	
June 16, 1876, copying-press, &c.	30 75	
June 30, 1876, stationery	72 25	357
E. M. Whitaker :		
May 4, 1876, stationery	197 04	
June 30, 1876, stationery	108 05	366
J. D. B. Little :		
December 3, 1875, bill-holders		10
C. E. Meyer :		
February 4, 1876, ink		12
Gibson Bros. :		
May 16, 1876, blanks		22
Mrs. S. E. Thompson :		
May 18, 1876, bill-holders		16
George F. Nesbitt & Co. :		
June 24, 1876, stationery		357

\$1,097

FUEL.

L. William Guinand:	
November 8, 1875, 905 $\frac{3}{4}$ tons of coal.....	\$5,841 75
January 15, 1876, wood and coal.....	114 79
February 23, 1876, 1 cord of wood and 7 tons of coal.....	63 50
April 5, 1876, 6 $\frac{1}{4}$ cords of wood and 5 tons of coal.....	76 15
June 26, 1876, 3 cords of wood.....	13 89
June 30, 1876, 5 cords of wood.....	26 25
	<hr/> \$6,136 33
Henry Edwards:	
July 12, 1875, moving fuel.....	3 00
William Davis:	
July 12, 1875, moving fuel.....	2 00
H. Sparrow:	
November 4, 1875, stowing coal.....	2 00
William Chase and Lewis Myers:	
November 6, 1875, stowing coal.....	9 65
A. Warren, J. Price, S. Bowen, J. Allen, J. Richardson, and S. Kramer:	
November 8, 1875, stowing coal and wood.....	19 15
Thomas Snmmers:	
November 9, 1875, stowing coal.....	10 00
William Wood:	
January 7, 1876, stowing wood.....	75
D. Carter:	
February 19, 1876, stowing wood and coal.....	1 75
T. Louns:	
April 3, 1876, stowing wood and coal.....	1 40
	<hr/> 6,186 03

GAS.

Washington Gas-Light Company:	
October 29, 1875, gas consumed in July, August, and September..	\$1,077 50
November 30, 1875, gas consumed in October.....	166 00
December 16, 1875, gas consumed in November.....	290 75
January 31, 1876, gas consumed in December and January.....	695 50
March 3, 1876, gas consumed in February.....	394 00
April 1, 1876, gas consumed in March.....	378 75
May 2, 1876, gas consumed in April.....	347 75
June 3, 1876, gas consumed in May.....	236 03
June 30, 1876, gas consumed in June.....	172 35
	<hr/> \$3,958 63
W. H. Bailey:	
January 31, 1876, furnishing gas, lighting, extinguishing, cleaning, and repairing 32 lamps outside and around building, for January.....	90 00
March 3, 1876, furnishing gas, lighting, extinguishing, cleaning, and repairing 32 lamps outside and around building, for February..	90 00
April 1, 1876, furnishing gas, lighting, extinguishing, cleaning, and repairing 32 lamps outside and around building, for March.....	90 00
May 1, 1876, furnishing gas, lighting, extinguishing, cleaning, and repairing 32 lamps outside and around building, for April.....	90 00
June 3, 1876, furnishing gas, lighting, extinguishing, cleaning, and repairing 32 lamps outside and around building, for May.....	87 00
June 30 1876, furnishing gas, lighting, extinguishing, cleaning, and repairing 32 lamps outside and around building, for June.....	87 00
	<hr/> 534 00
	<hr/> 4,492 63

PLUMBING AND GAS-FIXTURES.

B. J. Dorsey:	
November 22, 1875, gas-burners.....	\$27 50
November 27, 1875, gas-burners.....	60 00
	<hr/> \$87 50
E. Z. Steever:	
December 3, 1875, plumbing.....	10 00

4 CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT.

Hayward & Hutchinson:

August 2, 1875, plumbing, &c.....	\$891 78	
September 1, 1875, plumbing, &c.....	777 33	
September 30, 1875, plumbing, &c.....	195 37	
November 2, 1875, plumbing, &c.....	168 33	
December 31, 1875, plumbing, &c.....	973 83	
March 3, 1876, plumbing, &c.....	176 16	
March 10, 1876, plumbing, &c.....	518 12	
April 17, 1876, plumbing, &c.....	106 93	
May 29, 1876, plumbing, &c.....	76 60	
June 27, 1876, plumbing, &c.....	85 15	
June 30, 1876, plumbing, &c.....	343 25	
	<hr/>	\$4,312 5
		<hr/>
		4,410 5
		<hr/>

TELEGRAPHING.

Western Union Telegraph Company:

July 31, 1875, telegrams received and sent.....	\$363 31	
October 14, 1875, telegrams received and sent.....	216 63	
October 30, 1875, telegrams received and sent.....	307 83	
December 1, 1875, telegrams received and sent.....	208 15	
December 20, 1875, telegrams received and sent.....	275 13	
January 14, 1876, telegrams received and sent.....	221 66	
February 7, 1876, telegrams received and sent.....	234 35	
March 14, 1876, telegrams received and sent.....	184 76	
April 12, 1876, telegrams received and sent.....	156 90	
May 12, 1876, telegrams received and sent.....	149 37	
June 13, 1876, telegrams received and sent.....	107 58	
June 30, 1876, telegrams received and sent.....	189 30	
	<hr/>	\$2,614 5

Franklin Telegraph Company:

March 4, 1876, telegrams received and sent.....		115 4
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Atlantic and Pacific Telegraph Company:

July 31, 1875, telegrams received and sent.....	945 40	
August 31, 1875, telegrams received and sent.....	93 77	
October 13, 1875, telegrams received and sent.....	112 23	
November 15, 1875, telegrams received and sent.....	96 03	
December 9, 1875, telegrams received and sent.....	124 96	
April 5, 1876, telegrams received and sent.....	99 10	
	<hr/>	770 5

Southern and Atlantic Telegraph Company:

September 1, 1875, telegrams received and sent.....	19 30	
November 5, 1875, telegrams received and sent.....	1 88	
December 23, 1875, telegrams received and sent.....	4 25	
January 14, 1876, telegrams received and sent.....	1 10	
February 7, 1876, telegrams received and sent.....	2 37	
March 6, 1876, telegrams received and sent.....	95	
April 12, 1876, telegrams received and sent.....	95	
May 4, 1876, telegrams received and sent.....	1 55	
June 13, 1876, telegrams received and sent.....	1 49	
June 30, 1876, telegrams received and sent.....	3 65	
	<hr/>	5 5

Atlantic and Pacific and Franklin Telegraph Company:

January 6, 1876, telegrams received and sent.....	71 53	
February 4, 1876, telegrams received and sent.....	93 18	
May 5, 1876, telegrams received and sent.....	86 69	
June 6, 1876, telegrams received and sent.....	86 14	
June 30, 1875, telegrams received and sent.....	104 94	
	<hr/>	46 2

George C. Maynard:

June 3, 1876, telegraph-key.....	7 00	
January 14, 1876, battery-zincs.....	1 50	
	<hr/>	5 5

CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT. 5

John Coughlin :

August 2, 1875, sulphate copper.....	\$1 25	
January 5, 1876, sulphate copper.....	2 00	
April 1, 1876, sulphate copper.....	2 00	
		<u>\$5 25</u>
		<u>3,997 94</u>

PAINTING.

Schuttter & Rakeman :

July 23, 1875, painting.....	1,067 70	
September 1, 1875, painting.....	174 70	
October 30, 1875, painting.....	187 00	
December 21, 1875, painting.....	55 00	
February 11, 1876, painting.....	55 25	
May 4, 1876, painting.....	33 00	
June 24, 1876, painting.....	196 90	
June 30, 1876, painting.....	529 00	
		<u>2,298 55</u>

CARPETS.

William S. Mitchell :

July 7, 1875, carpets, shades, &c.....	1,094 67	
November 2, 1875, carpets, shades, &c.....	113 44	
January 7, 1876, carpets, shades, &c.....	1,071 17	
February 9, 1876, shades, oil-cloths, &c.....	455 94	
June 12, 1876, shades, oil-cloths, &c.....	112 09	
June 30, 1876, carpets, &c.....	496 71	
September 2, 1875, window-shades.....	25 38	
		<u>4,069 40</u>

FURNITURE.

J. G. Weaver :

July 7, 1875, desk and case.....	130 00	
July 12, 1875, one desk.....	90 00	
August 2, 1875, one desk.....	90 00	
September 3, 1875, two desks.....	180 00	
September 11, 1875, one double desk.....	200 00	
June 30, 1876, cedar chests.....	75 00	
		<u>765 00</u>

Wash. B. Williams :

July 7, 1875, furniture.....	443 50	
September 6, 1875, furniture.....	198 00	
November 4, 1875, furniture.....	224 25	
December 6, 1875, furniture.....	126 50	
January 3, 1876, furniture.....	260 50	
March 2, 1876, furniture.....	77 25	
May 2, 1876, furniture.....	90 00	
June 3, 1876, furniture.....	95 00	
June 30, 1876, furniture.....	224 25	
		<u>1,739 25</u>

W. B. Moses :

June 9, 1876, furniture.....	206 50	
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Mrs. E. C. Scidmore :

June 29, 1876, revolving book-cases.....	40 00	
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2,750 75

HARDWARE.

Robert Boyd :

July 12, 1875, hardware, &c.....	104 09	
October 25, 1875, hardware, &c.....	185 09	
November 9, 1875, hardware, &c.....	88 39	
December 7, 1875, hardware, &c.....	165 29	
January 8, 1876, hardware, &c.....	323 45	
February 5, 1876, hardware, &c.....	141 58	
March 7, 1876, hardware, &c.....	50 16	
April 8, 1876, hardware, &c.....	65 05	
May 6, 1876, hardware, &c.....	54 79	

6 CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT.

June 6, 1876. Hardware, &c.....	\$35 01	
June 19, 1876. Hardware, &c.....	14 35	
June 30, 1876. Hardware, &c.....	44 80	
		\$1, 25
H. J. Norton :		
July 19, 1875. Knives.....	2 00	
September 20, 1875. Knives	12 00	
October 7, 1875. Opening-knives	2 00	
October 13, 1875. Opening-knives	12 00	
February 23, 1876. Opening-knives	12 00	
Mrs. B. T. Norton :		
April 25, 1876. Opening-knives.....	24 00	
		64
A. M. Wheeler :		
August 2, 1875. Locks.....		50
W. P. Tullock :		
Door-stops		3
W. F. Beasley :		
December 18, 1875. Locks.....		24
R. Hines;		
June 30, 1876. Saw-filing machine, &c.....		37
		1, 45

KEEPING HORSES AND REPAIRING CARRIAGES, WAGONS, AND HARNESS.

T. W. Murphy :		
July 2, 1875. Shoes and chains	\$6 00	
Aug. 2, 1875. Horseshoeing	8 25	
Sept. 1, 1875. Horseshoes	8 25	
Sept. 30, 1875. Horseshoes	9 37	
Nov. 2, 1875. Horseshoeing	7 50	
Nov. 30, 1875. Horseshoeing	8 25	
Jan. 3, 1876. Horseshoeing	12 87	
Jan. 31, 1876. Horseshoeing	10 00	
Mar. 1, 1876. Horseshoeing	11 75	
April 1, 1876. Horseshoeing	5 00	
May 2, 1876. Horseshoeing	9 50	
June 3, 1876. Horseshoeing	10 62	
June 30, 1877. Horseshoeing	7 37	
		\$114
Jno. McDermott & Bros. :		
July 7, 1875. Repairing carriages.....	114 00	
July 28, 1875. Repairing carriages.....	94 00	
Sept. 30, 1875. Repairing carriages, &c.....	45 25	
Jan. 31, 1876. Harness, &c.....	42 15	
April 20, 1876. Repairing carriages, &c.....	73 00	
June 23, 1876. Repairing wagons, &c.....	16 00	
		34
K. Knusi :		
July 7, 1875. Harness, &c.....	92 25	
Jan. 3, 1876. Harness, &c.....	36 75	
June 3, 1876. Harness and repairing	23 00	
		152
Wm. M. Galt & Co. :		
July 8, 1875. Horse-feed	93 66	
Dec. 31, 1875. Horse-feed	44 18	
Jan. 5, 1876. Horse-feed	145 18	
June 23, 1876. Horse-feed	133 60	
		416
James Williams :		
July 24, 1875. Hay		22
Jas. S. Topham & Co. :		
July 24, 1875. Harness, &c.....		17
Jas. S. Topham :		
Nov. 27, 1875. Horse-cover, &c.....	16 00	

CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT. 7

Jan. 4, 1876. Harness, &c.....	\$74 40	
June 24, 1876. Repairing harness, &c.....	17 50	
		\$107 90
E. Van Slyck:		
Sept. 18, 1875. Hay.....		60 50
F. Federline:		
Dec. 4, 1875. Hay.....		40 30
E. Hodge:		
Jan. 8, 1876. Horse liniment.....		1 00
W. Counsellman:		
March 4, 1876. Hay.....		17 75
L. Ridgeley:		
May 11, 1876. Hay.....		34 80
James Kelcher:		
June 30, 1876. Storage of carriage.....		12 00
		<u>1,382 15</u>

MISCELLANEOUS ITEMS.

Jno. C. Hogan:		
July 1, 1875. One awning.....	\$9 00	
Nov. 9, 1875. Repairing awnings, &c.....	129 75	
Dec. 17, 1875. Stowing awnings, &c.....	18 00	
May 6, 1876. Awnings.....	620 25	
June 30, 1876. Awnings, &c.....	87 75	
		\$864 75

Metropolitan Railroad Co.:

July 2, 1875. Car-tickets.....	10 00	
July 28, 1875. Car-tickets.....	10 00	
Sept. 13, 1875. Car-tickets.....	10 00	
Oct. 16, 1875. Car-tickets.....	20 00	
Dec. 9, 1875. Car-tickets.....	20 00	
Jan. 29, 1876. Car-tickets.....	20 00	
Mar. 9, 1876. Car-tickets.....	10 00	
Mar. 27, 1876. Car-tickets.....	10 00	
April 19, 1876. Car-tickets.....	10 00	
May 5, 1876. Car-tickets.....	20 00	
June 12, 1876. Car-tickets.....	20 00	
		160 00

Columbia Railroad Co.:

July 6, 1875. Car-tickets.....	10 00	
Oct. 22, 1875. Car-tickets.....	10 00	
Mar. 23, 1876. Car-tickets.....	10 00	
		30 00

Franklin Philp:

July 2, 1875. One Danish grammar.....		2 00
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Washington and Georgetown Railroad Co.:

July 22, 1875. Car-tickets.....	\$10 00	
Sept. 23, 1875. Car-tickets.....	10 00	
Dec. 1, 1875. Car-tickets.....	10 00	
Jan. 24, 1876. Car-tickets.....	10 00	
April 13, 1876. Car-tickets.....	10 00	
June 13, 1876. Car-tickets.....	10 00	
		60 00

Virginia Lammond:

July 7, 1875. Repairing chairs.....	65 50	
Aug. 2, 1875. Repairing chairs.....	18 50	
Aug. 31, 1875. Repairing chairs.....	18 25	
Sept. 30, 1875. Repairing chairs.....	47 00	
Nov. 2, 1875. Repairing chairs.....	22 50	
Nov. 30, 1875. Repairing chairs.....	31 50	
Dec. 31, 1875. Repairing chairs.....	26 75	
Jan. 31, 1876. Repairing chairs.....	31 75	
Feb. 29, 1876. Repairing chairs.....	56 00	
Mar. 31, 1876. Repairing chairs.....	17 50	

8 CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT.

April 29, 1876.	Repairing chairs	\$27 00	
June 5, 1876.	Repairing chairs	32 00	
June 30, 1876.	Repairing chairs	10 00	\$104 2

J. M. Judd :

July 8, 1875.	1 Webster's Dictionary	10 00	
Oct. 7, 1875.	2 copies Md. atlas	18 00	

Adams Express Company :

July 19, 1875.	Freight	90	
Dec. 6, 1875.	Freight	2 15	
Dec. 14, 1875.	Freight	1 65	
Feb. 9, 1876.	Freight	2 50	
April 10, 1876.	Freight	50	

Francis Mobun and Son :

July 22, 1875.	Lumber	116 21	
Sept. 30, 1875.	Lumber	75 48	
Jan. 7, 1876.	Lumber	99 16	
April 3, 1876.	Lumber	123 46	
June 21, 1876.	Lumber	137 49	551 2

Geo. S. Maynard :

July 23, 1875.	Electric bell	49 00	
June 22, 1876.	Electric bells	227 00	
June 22, 1876.	Renewing battery	3 00	
June 30, 1876.	Electric bell	50 00	322

J. P. Libbey :

July 24, 1875.	One eight-day clock	15 00	
July 27, 1875.	One thirty-day clock	20 00	
Sept. 2, 1875.	One clock	12 50	
Nov. 8, 1875.	Clock, &c	26 50	
Nov. 15, 1875.	One clock	5 50	
Feb. 2, 1876.	One clock	5 50	53

James L. Kervand :

July 24, 1875.	Printing	12 00	
Sept. 4, 1875.	Printing	10 00	
Sept. 18, 1875.	Printing	56 00	
Oct. 2, 1875.	Printing	12 00	
Nov. 20, 1875.	Printing	15 00	
Dec. 18, 1875.	Printing	20 00	
Dec. 27, 1875.	Printing	4 00	
Feb. 2, 1876.	Printing	6 00	
Feb. 4, 1876.	Printing	3 75	
Mar. 4, 1876.	Printing	4 00	
April 8, 1876.	Lithographing	4 00	
May 6, 1876.	Printing	4 00	
June 17, 1876.	Printing	8 00	132 2

J. C. Wiswall & Co. :

July 23, 1875.	Towels and cloth	361 00	
Sept. 14, 1875.	Towels, &c	56 37	
Dec. 6, 1875.	Towels, &c	30 53	
Jan. 12, 1876.	Towels and sheeting	49 25	
Feb. 2, 1876.	Towels	36 00	
Feb. 17, 1876.	Billiard-cloth	279 50	
Mar. 14, 1876.	Towels	18 00	
April 7, 1876.	Cloth	188 75	
May 3, 1876.	Cloth and towels	317 20	
May 16, 1876.	Billiard-cloth	299 00	
June 23, 1876.	Towels	291 00	
June 30, 1876.	Towels and cloth	285 75	2,212 2

J. W. Boteler and Bro.:		
uly	28, 1875. Spittoons, &c	\$251 62
pril	5, 1876. Tumblers, spittoons, &c.....	71 00
pril	8, 1876. Bronze Franklin	30 00
une	27, 1876. Tumblers, &c	116 05
ov.	30, 1875. Spittoons, tumblers, &c.....	103 00
		<hr/>
		\$571 67
Phebe Taylor:		
uly	31, 1875. Washing towels	24 00
ug.	31, 1875. Washing towels	30 00
ept.	30, 1875. Washing towels	24 00
ct.	27, 1875. Washing towels	24 00
ov.	30, 1875. Washing towels	30 00
ec.	24, 1875. Washing towels	24 00
an.	31, 1876. Washing towels	30 00
eb.	29, 1876. Washing towels	21 00
ar.	31, 1876. Washing towels	20 00
pril	28, 1876. Washing towels	20 00
ay	29, 1876. Washing towels	25 00
une	28, 1876. Washing towels	20 00
		<hr/>
		292 00
Annie Reddish:		
uly	31, 1875. Washing towels	17 50
ug.	31, 1875. Washing towels	16 00
ept.	30, 1875. Washing towels	14 50
ct.	30, 1875. Washing towels	13 75
ov.	30, 1875. Washing towels	19 50
ec.	24, 1875. Washing towels	18 00
eb.	12, 1876. Washing towels	4 50
an.	31, 1876. Washing towels	23 25
		<hr/>
		127 00
Catherine Smith:		
uly	31, 1875. Washing towels	15 00
ug.	31, 1875. Washing towels	17 50
ept.	15, 1875. Washing towels	15 00
ct.	28, 1875. Washing towels	13 25
ov.	30, 1875. Washing towels	17 50
ec.	24, 1875. Washing towels	13 00
an.	31, 1876. Washing towels	19 50
eb.	29, 1876. Washing towels	14 00
ar.	31, 1876. Washing towels	15 75
pril	28, 1876. Washing towels	15 75
ay	29, 1876. Washing towels	19 50
une	28, 1876. Washing towels	18 50
		<hr/>
		194 25
Jennie Usher:		
eb.	29, 1876. Washing towels	15 75
ar.	31, 1876. Washing towels	21 00
pril	28, 1876. Washing towels	20 00
ay	29, 1876. Washing towels	28 25
une	28, 1876. Washing towels	21 25
		<hr/>
		106 25
John Coughlin:		
ug.	2, 1875. Soap, &c.....	38 83
ept.	30, 1875. Soap, lime, &c	46 28
ov.	1, 1875. Sponges	15 10
an.	5, 1876. Soap, oil, &c	7 59
an.	25, 1876. Chamolis-skin	9 00
ar.	3, 1876. Sponges, &c.....	14 90
pril	1, 1876. Soap, &c.....	2 50
une	9, 1876. Soap, &c.....	52 60
une	30, 1876. Soap, &c.....	48 70
		<hr/>
		235 50
H. Ex. 13—2		

10 CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT

Kennebec Ice Company :

Aug.	2, 1875.	Ice	\$220 95
Sept.	30, 1875.	Ice	102 40
Nov.	1, 1875.	Ice	78 07
Nov.	30, 1875.	Ice	63 85
Dec.	31, 1875.	Ice	65 62
Jan.	31, 1876.	Ice	65 20
Feb.	29, 1876.	Ice	63 02
April	1, 1876.	Ice	70 70
May	3, 1876.	Ice	65 62
June	3, 1876.	Ice	74 82
June	30, 1876.	Ice	101 35

\$20

Samuel Lloyd :

Sept.	3, 1875.	Sprinkling streets	100 00
Sept.	30, 1875.	Sprinkling streets	50 00
Nov.	9, 1875.	Sprinkling streets	50 00
Nov.	30, 1875.	Sprinkling streets	50 00
Dec.	31, 1875.	Sprinkling streets	50 00

34

George Watts & Co. :

Oct.	16, 1875.	House-furnishing goods	245 88
Jan.	25, 1876.	Baskets, brushes, &c	102 70
May	19, 1876.	Baskets, brushes, &c	88 32
June	30, 1876.	Baskets, brushes, &c	83 60

52

E. Morrison :

July	13, 1875.	Book-binders' material	
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32

Gibson Brothers :

Sept.	23, 1875.	Printing	33 25
March	31, 1876.	Printing	45 25

7

George R. Morgan :

Sept.	30, 1875.	Paste	100 00
Dec.	23, 1875.	Paste	100 00
April	3, 1876.	Paste	100 00
June	30, 1876.	Paste	100 00

40

D. McClelland :

Oct.	8, 1875.	Printing	235 40
March	9, 1876.	Blank commissions	291 70
June	20, 1876.	Blank commissions	114 55

62

Daniel Smith :

Nov.	22, 1875.	Molding, &c	24 62
April	13, 1876.	Lumber	19 85
June	30, 1876.	Lumber	17 10

61

William W. Farr :

Nov.	22, 1875.	Winding and repairing clocks, &c	100 00
Feb.	10, 1876.	Clock	16 00
June	30, 1876.	Winding and repairing clocks, &c	50 00

16

L. Rice :

July	24, 1875.	Cleaning carpets	31 90
Jan.	6, 1876.	Cleaning carpets	23 30

6

William Aydelotte & Co. :

July	13, 1875.	Law-books	
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32

Thomas Murphy :

July	19, 1875.	Labor	
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4

Louis Gleason :

July	19, 1875.	Labor	
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4

CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT. 11

C. J. Busey :	
July 28, 1875. Labor	\$4 00
Charles Flint :	
July 28, 1875. Soap	1 00
Baltimore and Potomac Railroad :	
July 29, 1875. Freight	90
Powell Pierce :	
July 31, 1875. Digging well and making pump	133 50
E. Hodge, jr. :	
July 31, 1875. Labor	\$15 20
Sept. 3, 1875. Labor	15 20
	<hr/>
Rhoden Mitchell :	
Aug. 2, 1875. Labor	20 00
H. C. Hack :	
Aug. 2, 1875. Labor	20 00
Joseph Carrington :	
Aug. 2, 1875. Labor	4 00
Josephine Stanley :	
Aug. 2, 1875. Labor	12 00
Evening Star Newspaper Company :	
Aug. 30, 1875. Advertising	44 00
National Republican Newspaper Company :	
June 3, 1876. Subscription	40 00
F. Lacchi :	
Aug. 31, 1876. Labor	38 00
J. Stanley :	
Aug. 31, 1875. Labor	52 00
H. Sherman :	
Aug. 31, 1875. One Governmental History of the United States	5 00
F. Sacchi :	
Sept. 11, 1875. Labor	22 00
J. Brynan :	
Sept. 18, 1875. Hand stamp	10 00
L. M. Baldwin :	
Sept. 23, 1875. Stencil-plates	2 00
George P. Rowell & Co. :	
Oct. 11, 1875. Newspaper Directory	5 00
Little, Brown & Co. :	
Oct. 12, 1875. Two volumes Law Review	10 00
Thomas D. Bond :	
Oct. 13, 1875. Apparatus for water-pipes	400 00
R. G. Dunn & Co. :	
Oct. 18, 1875. Subscription to mercantile agency	\$150 00
March 18, 1876. Reference-book	150 00
	<hr/>
National Union Printing Company :	
Oct. 21, 1875. Fifty Tribunes	1 00
J. L. Hewitt :	
Oct. 28, 1875. Ribbons for type-writer	8 50
J. L. Swornstedt :	
Oct. 30, 1875. Wool-dusters	25 00
D. Donovan :	
November 4, 1875. Labor	16 00
James Davis :	
November 5, 1875. Carting	2 50
George H. B. White :	
November 22 1875. 11 volumes National Intelligencer	100 00
George T. Preston :	
November 30, 1875. Labor	12 00
Hewitt & Co. :	
December 4, 1875. Printing	10 00
Government Printing-Office :	
December 6, 1875. Postage	8 80

12 CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT.

Levi Curry :			
December 10, 1875, map-cases.....	\$90 00		
December 22, 1875, altering desks.....	89 75		
			\$179 -
Acme Letter-file Manufacturing Company :			
December 15, 1875, letter-files, &c.....			31 -
F. W. Christern :			
December 18, 1875, foreign dictionaries.....			5 -
Byrne & Co. :			
December 22, 1875, repairing clock.....			3 -
M. Fleming :			
December 22, 1875, manure.....			1 -
J. Markriter :			
December 31, 1875, glass, &c.....			1 -
W. H. Boyd :			
January 5, 1876, directories.....			75 -
F. Miller :			
January 4, 1876, varnish, glass, oil, &c.....	\$55 00		
June 20, 1876, paints, glass, &c.....	78 71		
June 23, 1876, astral oil.....	1 40		
June 29, 1876, glass.....	8 50		
			143 -
A. Wheeler :			
January 5, 1876, salt-sacks.....			50 -
H. Baumgarten :			
January 8, 1876, stamps, &c.....	\$24 00		
February 7, 1876, stamp-ribbons, &c.....	52 00		
February 14, 1876, hand-stamp.....	10 00		
			86 -
Kidwell & Henderson :			
January 14, 1876, papering.....			12 -
John C. Parker :			
January 20, 1876, railroad-guides, &c.....	\$37 00		
April 13, 1876, railroad-guides, &c.....	57 00		
June 30, 1876, railroad-guides, &c.....	34 00		
			128 -
B. F. Brown :			
January 21, 1876, stamp-ribbons.....			7 -
Tucker & Sherman :			
January 20, 1876, sawdust.....	\$2 25		
June 30, 1876, sawdust.....	2 25		
			4 -
Darling & Soule :			
February 15, 1876, ventilators.....			3 -
R. A. Philips :			
February 18, 1876, clock.....			5 -
William Johnson :			
February 18, 1876, labor.....			2 -
J. Distermell :			
March 25, 1876, ten blue-books.....			15 -
George A. Gustin :			
March 27, 1876, freight.....			1 -
U. D. Glenn :			
April 4, 1876, clock.....			45 -
N. W. Burchell :			
May 16, 1876, soap, matches, &c.....			22 -
William H. Mullan :			
May 17, 1876, concreting floor, &c.....			5 -
B. W. Reed's Sons :			
June 3, 1876, matches, sweeps, &c.....	\$27 13		
June 28, 1876, brooms, &c.....	17 75		
			44 -
G. N. Rider :			
June 6, 1876, Cyclopedia.....			6 -
H. L. Lipman :			
June 21, 1876, punch for eyelet-machine.....			1 -

CONTINGENT FUND OF THE POST-OFFICE DEPARTMENT. 13

M. B. Brady :	
June 22, 1876, photographs.....	\$24 00
T. & J. W. Johnson & Co. :	
June 29, 1876, law-books.....	191 15
Taylor & Hufty :	
June 29, 1876, rubber coat.....	10 00
E. C. Gatchell :	
June 30, 1876, repairs in court-yard.....	150 00
	<u>12,660 63</u>

Recapitulation.

Stationery	\$8,097 34
Fuel	6,186 03
Gas.....	4,492 63
Plumbing and gas-fitting.....	4,410 35
Telegraphing	3,997 94
Painting.....	2,298 55
Carpets.....	4,069 40
Furniture.....	2,750 75
Hardware.....	1,450 55
Keeping horses, &c.....	1,382 15
Miscellaneous items.....	12,660 63
Balance, (due United States)	1,803 68
	<u>53,600 00</u>
Appropriated for the fiscal year ended June 30, 1876.....	53,600 00

H. Ex. 13—3

○

ACCOUNTS OF THE STATE OF TEXAS.

LETTER

FROM

THE SECRETARY OF WAR,

CONCERNING

Accounts of the State of Texas.

DECEMBER 27, 1876.—Referred to the Committee on Military Affairs and ordered to be printed.

WAR DEPARTMENT,
Washington, D. C., December 26, 1876.

SIR: I have the honor to inform the House of Representatives, in answer to a request from its Committee on Military Affairs, that this Department possesses no evidence concerning the accounts of the State of Texas, further than the statements on two abstracts which are for \$1,536,487.62, and which were received from the committee, and except accounts for \$223,143.89. The latter were examined at this Department in the year 1871, and they were reported upon in full, as appears in House Executive Document No. 277, second session Forty-second Congress.

The papers received are returned, as requested, inclosed herewith.

Very respectfully, your obedient servant,

J. D. CAMERON,
Secretary of War.

The SPEAKER of the House of Representatives,
Washington.

HOUSE OF REPRESENTATIVES,
Washington, D. C., July 21, 1876.

SIR: Pursuant to direction by the Committee on Military Affairs of the House of Representatives, I herewith transmit to you a joint resolution, (H. R. 23,) and certain papers accompanying the same, providing for the payment to the State of Texas for moneys expended in frontier defense, referred to this committee, together with a copy of a

resolution adopted by the committee, requesting that you cause the accounts to be inspected and report thereon the "amount really due the State of Texas on account of the same."

The original papers herewith transmitted you will please preserve and return with your response.

Very respectfully, your obedient servant,

A. S. WILLIAMS,
Acting Chairman.

Hon. J. D. CAMERON,
Secretary of War.

Referred to Maj. Thomas H. Bradley for investigation and report.
By order of the Secretary of War.

H. T. CROSBY,
Chief Clerk.

JULY 25, 1876.

Respectfully returned with report that there are no accounts found in the War or Treasury Departments from the State of Texas for re-imbursment on account of H. R. 23, current series, except those for \$223,143.89, reported upon in 1871. (H. Ex. Doc. 277, 2d ses. 42d Congress.)

THOMAS H. BRADLEY,
Brevet Captain, U. S. A.

WAR DEPARTMENT, *December 23, 1876.*

FORT BROWN, TEXAS, *December 3, 1875.*

[Extract.]

DEAR GENERAL: * * *

We have had quite an excitement lately. Will send you the reports of the officers concerned as soon as they are all received. I understand that McNally goes to San Antonio shortly, and he may be able to tell you all about it. The Mexican authorities promised to return all the cattle but did not. They did send over a small part of the stock, enough to swear by I suppose. Roundlett having hit one herd and pitched into the thieves, caused them to drop two other herds I understand. One was dropped on the 18th ultimo not far from the river (about 300 head 'tis reported) the other is reported to have been very large. 'Tis said that there were over forty thieves in these raids, that is on this side; the entire outfit was ready to receive them on the south bank. The mail-rider was captured near Las Cuevas, and detained some twelve hours, to prevent him reporting the raid to Captain Band lett, at Edinburg. I think cattle-stealing is going on quite as rapidly as ever. The river is very low and there is no trouble in crossing cattle. About forty of those returned were King's, I understand.

Yours,
(Signed)

J. H. POTTER

Gen'l E. O. C. ORD,
U. S. Army, San Antonio, Tex.

A true extract.
(Signed)

HUGH G. BROWN, A. D. C.

Statement of amounts paid by the State of Texas for frontier protection from January 28, 1855, to January 28, 1861.

	Amounts paid.
For pay of companies under Captains Callahan, Benton, and Henry, (act of December 17, 1855).....	\$15,571 01
For pay of mileage, subsistence, and volunteers under Captains Callahan, Benton, and Henry, (act of December 17, 1855).....	5,750 60
For pay of paymaster three companies volunteers called out, (act of December 17, 1855).....	100 00
For pay of six companies called out by General Smith, (act of January 14, 1856).....	46,106 83
For balance expenses on account contracts for six companies volunteers called out by Smith, (act of January 14, 1856).....	4,026 43
For pay of Capt. William Tom's company, (act of August 30, 1856).....	1,494 72
For pay of Capt. L. English's company, (act of August 30, 1856).....	1,764 86
For pay of Capt. Wm. G. Tobin's company, (act of August 30, 1856).....	917 46
For pay of supplies, Captain Tom's company, (act of August 30, 1856).....	408 97
For pay of paymaster of Captains Tom's and English's companies, (act of August 30, 1856).....	100 00
For pay of three companies minute-men under Sansom, Davenport, and Black, (act of January 13, 1857).....	4,000 00
For the better protection of the frontier, (act of January 27, 1857).....	71,839 03
For pay of four companies under Captains Carmack, Connor, Hodge, and Frost, (act of November 17, 1857).....	18,867 62
For pay and supplies for Capt. G. H. Nelson's company volunteers, (act of December 14, 1857).....	14,655 40
For pay and subsistence of Captains Ford's, Bourland's, and Brown's companies, and pay of peace commissioners, (acts of January 12 and February 8, 1860).....	60,480 00
For pay of necessary expenses incurred by Captain Tobin's company, (act of January 12, 1860).....	9,748 28
For pay protection of the frontier, (act of February 3, 1860).....	177,144 16
For pay and subsistence of troops on Rio Grande, (act of February 15, 1860).....	36,968 40
For pay of supplies furnished troops on frontier, (act of February 8, 1861).....	21,602 16
For pay of supplies of Captain Williams's company in 1858 and 1859, (act of February 11, 1861).....	7,497 15
For pay of Captain Williams's company in 1858 and 1859, (act of April 1, 1861).....	10,070 82
Total.....	509,111 95

I, Stephen H. Darden, comptroller of public accounts for the State of Texas, hereby certify that the above is a true and correct statement of expenditures on account "frontier protection," as appears by the records of this office.

Witness my hand and impress of official seal, at Austin, Texas, this 23d day of December, A. D. 1875.

[SEAL.]

STEPH. H. DARDEN,
Comptroller.

Statement of amounts paid by the State of Texas for "frontier protection." Troops called out by Governors A. J. Hamilton, E. J. Davis, and Richard Coke.

Payments made volunteers called out by Gov. A. J. Hamilton, October 14 and 20, 1865, (act of November 12, 1866).....	\$3,570 76
Payments made volunteers called out by Gov. E. J. Davis, under acts of June 13, 1870, and November 25, 1871.....	651,976 14
Payments made volunteers called out by Gov. Richard Coke, under act of April 10, 1874:	
Amount paid from appropriation, (act of May 4, 1874).....	299,986 19
Amount paid from appropriation, (act of March 15, 1875).....	71,842 58
Total.....	1,027,375 67

I, Stephen H. Darden, comptroller of public accounts for the State of Texas, hereby certify that the above is a true and correct statement of expenditures on account of "frontier protection," as appears from the records of this office.

Witness my hand and impress of official seal at Austin, Texas, this 23d day of December, A. D. 1875.

[SEAL.]

STEPH. H. DARDEN,
Comptroller.

EXECUTIVE OFFICE, STATE OF TEXAS,
Austin, December 24, 1875.

To the Texas delegation in Congress, Washington, D. C. (Care of Hon. S. B. Maxey :)

GENTLEMEN : I have the honor to call your attention to the following matters of interest to the State, requiring attention at the National Capital :

1. The Government of the United States holds a balance of \$101,113.27 due the State of Texas from funds left in the hands of the former to pay the debt of the republic of Texas. No claim is believed to have been presented against this fund within the last fifteen years, and the debt of the republic of Texas is believed to have been fully settled. The State needs the balance of this fund, and ought to have it.

2. I send inclosed statements from the office of the comptroller of public accounts, showing amounts expended by the State of Texas for frontier defense from the 28th of February, 1855, to the commencement of the late civil war, and from the commencement of Gov. A. J. Hamilton's administration, after the war, to date, the amount aggregating \$1,536,487.62. It will be remembered that by act of the legislature of Texas, approved February 1, 1856, the State withdrew and abandoned all claims against the Government of the United States growing out of Indian depredations prior to the 28th of February, 1855. This large amount of money is justly due from the National Government to Texas; and I hope that such steps as to you may seem wise may be taken at once for the assertion of this claim.

3. I inclose a public-debt statement from the Treasury Department for November, 1875, which shows that twenty-one of the Texas indemnity bonds and interest thereon are still unpaid. These bonds are not in our treasury, and most probably were stolen during the war, and may be destroyed, or held by parties who fear to present them. I would be glad to know what proceedings are necessary, or will be required, on the part of the State or her officers, to enable her to demand payment of these lost bonds at the Treasury, and, so far as you can do so, to aid in accomplishing the collection of the money.

4. I sent three days ago to each of your delegation copies of Adjutant General Steel's report on Rio Grande troubles; also, copies of the memorial of the late constitutional convention of Texas on the same subject, and refer you to the action of last session of the fourteenth legislature on the same subject heretofore furnished. I beg, also, to refer you to copies of letter from General Potter, commanding at Brownsville, to General Ord, commanding the department, herewith inclosed, in that connection, and to suggest that if the Government of the United States does not afford defense and security for the people of that border against Mexican invasions it will be impossible to restrain the people

much longer from organizing and following the raiders into Mexico, and retaliating summarily upon the Mexican border. Our people have been plundered there until they ought not to submit to it longer. General Ord, the able and efficient commander of the department, is doing all he can to protect our people, but he is utterly powerless. A police force, irregular troops, rather than a strictly military organization, is required there.

If the President would take into the service of the United States Captain McNelly, with say three hundred and fifty men, (five hundred would be better,) such as he would recruit, they would protect that country. They will do service such as the officers and men of the United States Army *cannot or will not* do. They never have done any good against the predatory bands of robbers who are devastating that country, and never will. None but Texas troops have ever checked their operations at all. If the United States Government will not protect that border, the State must and will; but it is a burden which she ought not to bear. I do hope that you will leave nothing undone, no effort unmade, to procure the requisite relief. On this subject I refer you, also, to General Ord's last report, and believe I can assure you of any assistance you may desire from him in procuring measures for relief.

Very respectfully, your obedient servant,

RICHARD COKE,
Governor of Texas.

[H. Res. 23.]

IN THE HOUSE OF REPRESENTATIVES, *January 6, 1876.*—Read twice, referred to the Committee on Military Affairs, and ordered to be printed.

Mr. REAGAN, on leave, introduced the following joint resolution :

JOINT RESOLUTION authorizing and directing the Secretary of the Treasury to pay to the State of Texas one million five hundred and thirty-six thousand four hundred and seventeen dollars and sixty-two cents on account of moneys paid out by said State for frontier defense.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury be, and he is hereby, authorized and directed to pay, out of any moneys in the Treasury not otherwise appropriated, to the State of Texas, the sum of one million five hundred and thirty-six thousand four hundred and seventeen dollars and sixty-two cents, with lawful interest thereon, to re-imburse said State for moneys paid as compensation and for supplies for troops for the defense of the frontiers of Texas from the twenty-eighth day of February, eighteen hundred and fifty-five, to the commencement of the late civil war, and from the commencement of the administration of the State government by Governor Andrew J. Hamilton to the present time.

[House of Representatives. Mis. Doc. No. 185. Forty-fourth Congress, first session.]

Joint resolution of the legislature of Texas relative to the protection of the frontier of said State, and compensation for past expenditures by the State in that behalf.

JULY 17, 1876.—Referred to the Committee on Military Affairs and ordered to be printed.

SECTION 1. *Be it resolved by the legislature of the State of Texas,* That the Federal Government owes to Texas protection of her exposed frontiers, by virtue of her right as a member of the Union to an equal par-

ticipation in the benefits and blessings which its Constitution guarantees to all the States, among which is defense against invasion; and the republic of Texas, upon her accession to the Union, having ceded to the United States all public edifices, fortifications, barracks, ports and harbors, navy and navy-yards, docks, magazines, arms, armaments, and all other property and means pertaining to the public defense, the faith of the United States thereby became solemnly pledged to extend to the frontiers of the said republic of Texas the most ample protection, without which, as a condition precedent, Texas would have had no sufficient inducement to surrender her independent political position.

SEC. 2. That our Senators in the Congress of the United States are hereby instructed, and our Representatives are hereby requested, to present to Congress now assembled these resolutions of the legislature of the State of Texas, and to urge upon that body the enactment of such laws as will secure to our frontiers ample military protection against Indians and Mexican freebooters; the military forces of the United States on our borders being too weak under the most effective command to afford such protection, and the State of Texas being compelled, in defense of the property and lives of her citizens, to maintain in the field a considerable military force at her own expense.

SEC. 3. That our said Senators be instructed and our Representatives requested to present and urge before Congress the passage of a bill reimbursing the State of Texas for the large appropriations of money which, from time to time, have necessarily been made by her legislature, because of the failure of the Federal Government to provide sufficient protection to our frontiers.

SEC. 4. That the governor of the State be requested to transmit to our Senators and Representatives in Congress a copy of these resolutions, together with an itemized statement of all expenditures made by the State in the protection of her frontiers.

SEC. 5. The fact that Congress will adjourn at an early day, and the necessity for prompt action, requires that this joint resolution take effect, and it is hereby declared that it do take effect, from and after its passage.

Approved July 6, 1876.

THE STATE OF TEXAS,

DEPARTMENT OF STATE.

I, A. W. De Berry, secretary of state for the State of Texas, do hereby certify that the above and foregoing is a true and correct copy of the original enrolled senate joint resolution No. 169, passed by the fifteenth legislature of the State of Texas, and now on file in this department.

In testimony whereof I have hereunto signed my name and affixed the seal of State, at the city of Austin, this the 7th day of July, A. D. 1876.

[SEAL.]

A. W. DE BERRY,
Secretary of State.

HOUSE OF REPRESENTATIVES,

Washington, D. C., July 21, 1876.

At a regular meeting of the Committee on Military Affairs of the House of Representatives, held June 21, 1876, the following resolution was adopted:

Resolved, That the joint resolution (H. R. 23) for the payment to the State of Texas for expenses incurred in her defense against incursions from Mexico, and the accounts filed therewith, be referred to the Secretary of War, with the request that he will have the amounts for said expenses duly inspected, and make report thereon of the amount really due the State of Texas on account of the same.

A. copy.—Attest:

JAS. A. DAWSON,
Clerk Committee Military Affairs, House of Representatives..

○

EXTRADITION TREATY BETWEEN THE UNITED STATES
AND GREAT BRITAIN.

M E S S A G E

FROM THE

PRESIDENT OF THE UNITED STATES,

TRANSMITTING

*Documents relative to the execution of the extradition article of the treaty
of 1842 between the United States and Great Britain.*

DECEMBER 27, 1876.—Referred to the Committee on Foreign Affairs and ordered to be
printed.

To the Senate:

When Congress adjourned in August last, the execution of the extradition article of the treaty of 1842 between the United States and Great Britain had been interrupted.

The United States had demanded of Her Majesty's government the surrender of certain fugitives from justice, charged with crimes committed within the jurisdiction of the United States, who had sought asylum and were found within the territories of Her British Majesty, and had, in due compliance with the requirements of the treaty, furnished the evidence of the criminality of the fugitives, which had been found sufficient to justify their apprehension and commitment for trial, as required by the treaty, and the fugitives were held and committed for extradition.

Her Majesty's government, however, demanded from the United States certain assurances or stipulations as a condition for the surrender of these fugitives.

As the treaty contemplated no such conditions to the performance of the obligations which each government had assumed, the demand for stipulations on the part of this Government was repelled.

Her Majesty's government thereupon, in June last, released two of the fugitives, (Ezra D. Winslow and Charles J. Brent,) and subsequently released a third, (one William E. Gray,) and refusing to surrender, set them at liberty.

In a message to the two houses of Congress on the 20th day of June last, in view of the condition of facts as above referred to, I said:

The position thus taken by the British government, if adhered to, cannot but be regarded as the abrogation and annulment of the article of the treaty on extradition. Under these circumstances it will not, in my judgment, comport with the dignity or self-respect of this Government to make demands upon that government for the surrender of fugitive criminals, nor to entertain any requisition of that character from that government under the treaty.

Article XI of the treaty of 1842 provided that—

The tenth article (that relating to extradition) should continue in force until one or the other of the parties should signify its wish to terminate it, and no longer.

In view, however, of the great importance of an extradition treaty, especially between two states as intimately connected in commercial and social relations as are the United States and Great Britain, and in the hope that Her Majesty's government might yet reach a different decision from that then attained, I abstained from recommending any action by Congress terminating the extradition article of the treaty. I have, however, declined to take any steps under the treaty toward extradition.

It is with great satisfaction that I am able now to announce to Congress and to the country that by the voluntary act of Her Majesty's government the obstacles which had been interposed to the execution of the extradition article of the treaty have been removed.

On the 27th of October last, Her Majesty's representative at this capital, under instructions from Lord Derby, informed this Government that Her Majesty's government would be prepared, as a temporary measure, until a new extradition treaty can be concluded, to put in force all powers vested in it for the surrender of accused persons to the Government of the United States, under the treaty of 1842, without asking for any engagement as to such persons not being tried in the United States for other than the offenses for which extradition had been demanded.

I was happy to greet this announcement as the removal of the obstacles which had arrested the execution of the extradition treaty between the two countries.

In reply to the note of Her Majesty's representative, after referring to the applications heretofore made by the United States for the surrender of the fugitives referred to in the correspondence which was laid before Congress at its last session, it was stated that on an indication of readiness to surrender these persons, an agent would be authorized to receive them, and I would be ready to respond to requisitions which may be made on the part of Her Majesty's government under the tenth article of the treaty of 1842, which I would then regard as in full force until such time as either government shall avail itself of the right to terminate it provided by the eleventh article, or until a more comprehensive arrangement can be reached between the two governments in regard to the extradition of criminals—an object to which the attention of this Government would gladly be given, with an earnest desire for a mutually satisfactory result.

A copy of the correspondence between Her Majesty's representative at this capital and the Secretary of State on the subject is transmitted herewith.

It is with great satisfaction that I have now to announce that Her Majesty's government, while expressing its desire not to be understood to recede from the interpretation which in its previous correspondence it has put upon the treaty, but having regard to the prospect of a new treaty, and the power possessed by either party of spontaneously denouncing the old one, caused the re-arrest on the 4th instant of Brent, one of the fugitives who had been previously discharged; and, after awaiting the requisite time within which the fugitive is entitled to appeal or to apply for his discharge, on the 21st instant surrendered him to the agent appointed on behalf of this Government to receive and to convey him to the United States.

Her Majesty's government has expressed an earnest desire to re-arrest and to deliver up Winslow and Gray, the other fugitives who had been arrested and committed on the requisition of the United States, but were released because of the refusal of the United States to give the assurances and stipulations then required by Great Britain. These persons, however, are believed to have escaped from British jurisdiction; a diligent search has failed to discover them.

As the surrender of Brent, without condition or stipulation of any kind being asked, removes the obstacle which interrupted the execution of the treaty, I shall no longer abstain from making demands upon Her Majesty's government for the surrender of fugitive criminals, nor from entertaining requisitions of that character from that government under the treaty of 1842, but will again regard the treaty as operative, hoping to be able before long to conclude with Her Majesty's government a new treaty of a broader and more comprehensive nature.

U. S. GRANT.

WASHINGTON, *December 23, 1876.*

List of papers.

Sir Edward Thornton to Mr. Fish, May 13, 1876.
 Mr. Fish to Sir Edward Thornton, May 17, 1876.
 Sir Edward Thornton to Mr. Fish, May 23, 1876.
 Sir Edward Thornton to Mr. Fish, May 26, 1876.
 Sir Edward Thornton to Mr. Fish, July 13, 1876.
 Mr. Fish to Sir Edward Thornton, July 18, 1876.
 Sir Edward Thornton to Mr. Fish, October 27, 1876.
 Mr. Fish to Sir Edward Thornton, October 30, 1876.
 Mr. Fish to Mr. Pierrepont, (telegram,) November 1, 1876.
 Mr. Fish to Mr. Pierrepont, (telegram,) November 24, 1876.
 Sir Edward Thornton to Mr. Fish, November 29, 1876.
 Mr. Pierrepont to Mr. Fish, (telegram,) November 30, 1876.
 Mr. Pierrepont to Mr. Fish, (No. 76,) November 30, 1876.
 Mr. Pierrepont to Mr. Fish, (telegram,) December 4, 1876.
 Mr. Fish to Mr. Pierrepont, (No. 69,) December 5, 1876.
 Mr. Pierrepont to Mr. Fish, (telegram,) December 23, 1876.
 Mr. Fish to Sir Edward Thornton, December 23, 1876.

Sir Edward Thornton to Mr. Fish.

PHILADELPHIA, *May 13, 1876.* (Received May 15.)

SIR: In compliance with the request of the governor-general of Canada, I have the honor to inform you that a person of the name of Maraine Smith, late of the city of Detroit, Mich., was, on the 4th of last month, committed to jail at Sandwich, in the county of Essex, Ontario, as a fugitive from the justice of the United States, on the charge of having murdered one Daniel R. McKeon.

As the usual application for the surrender of this man under the extradition treaty has not been received by the governor-general, his excellency has requested me to inform you that on the 4th of June, two months from the date of his committal to prison, the prisoner will be entitled to claim his discharge.

I have, &c.,

EDWARD THORNTON.

Mr. Fish to Sir Edward Thornton.

DEPARTMENT OF STATE,
Washington, May 17, 1876.

SIR: I have the honor to acknowledge the receipt of your note of the 13th instant, informing me, at the request of the governor-general of Canada, that one Maraine Smith, late of Detroit, was committed as a fugitive from justice in the county of Essex, Ontario, upon the 4th of April last, and, as the usual application for his surrender under the extradition treaty had not been received, that upon the 4th of June he will be entitled to claim his discharge.

Upon the 11th ultimo the governor of Michigan addressed me, stating that the person referred to, after an examination, had been committed for the crime of murder, and was held to await extradition, and requested that the proper steps be taken for that purpose.

The case had not been brought to the attention of this Department prior to that time.

As Her Majesty's government, at the time of the receipt of this communication, had already informed the United States that Winslow and other fugitive criminals then in British jurisdiction, in whose cases the necessary steps had been taken, and who had been committed for extradition, would not be surrendered pursuant to the stipulations of the tenth article of the treaty of 1842, it was deemed advisable to desist from preferring applications for extradition in new cases until the final decision of Her Majesty's government on that question should be reached, and the governor of Michigan was informed of this conclusion.

While, therefore, requesting you to express the thanks of this Government to his excellency the governor-general for his courtesy in furnishing the information referred to, I have to request that you will inform him of the reason why no formal request has been preferred in this case pending the decision of Her Majesty's government in the Winslow and other cases now before it.

I have, &c.,

HAMILTON FISH.

Sir Edward Thornton to Mr. Fish.

WASHINGTON, May 23, 1876. (Received May 23.)

SIR: In compliance with a request which I have received from the governor-general of Canada, I have the honor to inform you that two men, named Walter Moore and Frederick Moore, charged with the crime of murder in Canada, are fugitives from justice, and are now under arrest in Boston, having been remanded till to-morrow, and to ask that when the necessary forms shall have been complied with to your satisfaction, a warrant may be issued for their extradition, and for their delivery to Alphonse Cinq, who is authorized to receive the prisoners.

I have, &c.,

EDWD. THORNTON.

Sir Edward Thornton to Mr. Fish.

WASHINGTON, May 26, 1876. (Received May 27.)

SIR: With reference to my note of the 23d instant, I have the honor to inform you that in that note I incorrectly stated the name of the person into whose charge the prisoners, Walter Moore and Frederick Moore, charged with the murder in Canada, should, if surrendered, be delivered. The name should have been Alphonse Cinq Mars.

I have, &c.,

EDWD. THORNTON.

Sir Edward Thornton to Mr. Fish.

WASHINGTON, July 13, 1876. (Received July 14.)

SIR: From a dispatch which I have received from the governor-general of Canada, it appears that one Charles P. Jones, late of the county of Stark, in the State of Ohio, was, on the 30th ultimo, committed to jail at Hamilton, in the county of Wentworth, Ontario, as a fugitive from the justice of the United States.

As the usual application for the surrender of this man under the extradition treaty has not been received by the Canadian government, the Earl of Dufferin has requested me to inform you that at the expiration of two months from the date of his committal to prison, Charles P. Jones will, under the Imperial Statutes, 33 and 34 Vict., cap. 52, be entitled to claim his discharge.

I have, &c.,

EDWD. THORNTON.

Mr. Fish to Sir Edward Thornton.

DEPARTMENT OF STATE,
Washington, July 18, 1876.

SIR: I have the honor to acknowledge the receipt of your note of the 13th instant, informing me, at the request of the governor-general of Canada, that one Charles P. Jones was committed to jail at Hamilton, Ontario, upon the 30th ultimo, as a fugitive from the justice of the United States, but, as no application for his surrender under the extradition article of the treaty of 1842 had reached the Canadian government, he would be entitled to his discharge at the expiration of two months from his commitment.

The governor of the State of Ohio some time since addressed me, requesting an application in the usual form for the delivery of Jones under the treaty, but it was not deemed proper to prefer such application, for the reason stated in my note of the 17th May in reference to the case of Maraine Smith.

Since the date of that note the case of Winslow has been disposed of by a refusal to surrender him, and by his discharge from custody. Thereupon, and on the 20th ultimo, the President communicated to Congress the reasons which, in his opinion, made it impossible to pre-empt further demands for the surrender of fugitive criminals under the tenth article of the treaty of 1842.

I have the honor to inclose a copy of this message, which will explain the position which the President has felt constrained to adopt, and the reasons why a request for the surrender of Jones has not been preferred.

In bringing these reasons to the knowledge of the governor-general of Canada, I will thank you to express to him my appreciation of his courtesy in the matter.

I have, &c.,

HAMILTON FISH.

Sir Edward Thornton to Mr. Fish.

WASHINGTON, October 27, 1876.

SIR: I have the honor to inform you that I have received instructions from the Earl of Derby to state to you that Her Majesty's government, having regard to the very serious inconvenience and great encouragement to crime which would arise from the continued suspension of the extradition of criminals between the British dominions and the United States, will be prepared, as a temporary measure, until a new extradition treaty can be concluded, to put in force all powers vested in it for the surrender of accused persons to the Government of the United States under the treaty of 1842, without asking for any engagement as to such persons not being tried in the United States for other than the offenses for which extradition has been demanded.

It is, however, to be borne in mind that each government has a right laid down in the eleventh article of the treaty of 1842, which provides that the tenth article shall continue in force until one or the other of the parties shall signify its wish to terminate it, and no longer.

I have, &c.,

EDWD. THORNTON.

Mr. Fish to Sir Edward Thornton.

DEPARTMENT OF STATE,

Washington, October 30, 1876.

SIR: I have the honor to acknowledge the receipt of your note of the 27th instant, wherein you inform me that you have received instructions from Lord Derby to state that Her Majesty's government will be prepared, as a temporary measure until a new extradition treaty can be concluded, to put in force all powers vested in it for the surrender of accused persons to the Government of the United States under the treaty of 1842, without asking for any engagement as to such persons not being tried in the United States for other than the offenses for which extradition has been demanded.

Your note also calls attention to the provision laid down in "

eleventh article of the treaty of 1842, that the tenth article shall continue in force until one or the other of the parties shall signify its wish to terminate it, and no longer.

I have laid your note before the President, who observes with great satisfaction that Her Majesty's government has decided to use its powers for the surrender of fugitive criminals without asking any stipulations or engagements in the nature of those which, in recent correspondence with reference to the requisition made by the United States in the case of Winslow and others, had compelled him, with extreme regret and reluctance, to reach the conclusion that under the position then taken by the British government, if it be adhered to, it would not be possible for the Government of the United States either to make demands on Her Majesty's government for the surrender of fugitive criminals or to entertain requisitions of that character from Her Majesty's government under the treaty.

The President concurs fully with Her Majesty's government in its appreciation of the very serious inconvenience and the great encouragement to crime arising from the failure of the extradition of criminals between two states whose relations of business and of social intercourse are as close and as intimate as those which happily exist between the United States and Her Majesty's dominions, and he greets the decision of Her Majesty's government, announced in your note, to ask no engagement with regard to the trial of persons surrendered, as the removal of the obstacle which arrested the execution and efficiency of the extradition article of the treaty of 1842.

He hopes, therefore, that Her Majesty's government will now take into consideration the applications heretofore made by the United States for the surrender of Winslow and Brent and Gray, with regard to each of whom the evidence of criminality has been duly furnished and heard, and was found sufficient to justify his apprehension and commitment for trial in accordance with the requirements of the treaty. On an indication of readiness to surrender those persons, he will authorize an agent to receive them, and will be ready and glad to respond to any requisitions which may be made on the part of Her Majesty's government under the tenth article of the treaty of 1842, which he will then regard as in full force until such time as either government shall avail itself of the right to terminate it provided by the eleventh article, or until a more comprehensive arrangement can be reached between the two governments in regard to the extradition of criminals, an object to which he will be glad to give the attention of this Government, with his most earnest desire for a mutually satisfactory result.

I have the honor, &c.,

HAMILTON FISH.

Mr. Fish to Mr. Pierrepont.

[Telegram.]

WASHINGTON, November 1, 1876.

PIERREPONT, *Minister, London:*

Thornton, by note, proposes resumption extradition under treaty, without demanding stipulations, as in Winslow's case. Have replied expressing satisfaction with decision to remove obstacle to extradition, with hope that Winslow, Brent, and Gray will now be surrendered, and

stating, on receiving indication of readiness so to do, agent will be authorized to receive them, and thereafter we will be ready to grant requisitions.

Copy correspondence sent by mail. Make no advances. Watch question. If notified of any step to surrender fugitives, advise me promptly.
FISH, *Secretary*.

Mr. Fish to Mr. Pierrepont.

[Telegram.]

WASHINGTON, November 24, 1876.

PIERREPONT, *Minister, London* :

Interview this day with Thornton makes it possible that British government may surrender Winslow, Brent, and Gray without conditions. If offer be made of all or of either, you will accept, and are authorized to appoint trustworthy person to convey fugitive without delay to United States.

Inform me immediately by telegraph in cipher whatever be done in the premises.

FISH, *Secretary*.

Sir Edward Thornton to Mr. Fish.

BRITISH LEGATION,
Washington, November 29, 1876.

MY DEAR MR. FISH: I have a telegram telling me that orders have been issued for the arrest of the three criminals, but Lord Derby thinks that this should be kept secret as long as possible, lest they should get notice and escape.

Believe me, &c.,

EDWD. THORNTON.

Mr. Pierrepont to Mr. Fish.

[Telegram.]

LONDON, November 30, 1876.

FISH, *Secretary, Washington* :

Home office have ordered arrest of Winslow, Brent, Gray.

Winslow not here; disappeared early October. Brent here. Gray expected from Paris.

Foreign office prompt, careful; earnest to surrender.

Will keep you advised.

* * * * *

PIERREPONT.

Mr. Pierrepont to Mr. Fish.

No. 76.]

LEGATION OF THE UNITED STATES,
London, November 30, 1876.

SIR: I have the honor to acquaint you that yesterday, the 29th instant, I received a note from Lord Derby, without date, of which the following is a copy:

FOREIGN OFFICE, *November, 1876.*

SIR: I have the honor to inform you that after the communications which have recently passed between Her Majesty's minister at Washington and Mr. Fish, of which reports have been received by telegraph, the secretary of state for the home department has felt warranted in issuing orders for the apprehension of Winslow, Brent, and Gray, whose extradition has been requested by the United States Government. I have to add that it is desirable that this information should be treated, for the present at all events, as confidential.

I have the honor to be, with the highest consideration, sir, your most obedient, humble servant,

DERBY.

The Hon. EDWARDS PIERREPONT, &c.

The foreign office are active and earnest to revive extradition.

I have the honor, &c.,

EDWARDS PIERREPONT.

Mr. Pierrepont to Mr. Fish.

[Telegram.]

LONDON, *December 4, 1876.*

FISH, *Secretary, Washington:*

Brent arrested; heard; committed. Extradition-warrant will issue after fifteen days. He says will not contest warrant. I shall appoint man to take him.

PIERREPONT.

Mr. Fish to Mr. Pierrepont.

No. 69.]

DEPARTMENT OF STATE,
Washington, December 5, 1876.

SIR:

It would appear from your last telegram that Brent had been arrested by some preliminary warrant and committed for extradition, and that the warrant for his extradition would be delayed for the period of fifteen days; and from the statement that he would not contest the warrant, it is supposed that no *habeas corpus* will be applied for, and that the question which the British government has supposed would arise upon an attempt to surrender a fugitive will not in this case be brought before the court.

As to these three cases, I will thank you to furnish me, from time to time, with accurate and careful information as to the particular proceed-

H. Ex. 15—2

ings taken by the authorities of Great Britain in each case, with the dates, and, as far as practicable, a copy of the papers relating to each, and accurate and detailed information is desired in reference to the successive steps which may be taken to bring the treaty again into operation.

I am, sir, &c.,

HAMILTON FISH.

Mr. Pierrepont to Mr. Fish.

[Telegram.]

LONDON, December 23, 1876.

FISH, *Secretary, Washington :*

In steamer *Parthia*, charge of John Shore, Brent left Liverpool today. He was not surrendered or notice given of warrant until twenty-first, when I cabled you at once.

* * * * *

PIERREPONT.

Mr. Fish to Sir Edward Thornton.

DEPARTMENT OF STATE,
Washington, December 23, 1876.

SIR: Referring to your note of the 27th of October ultimo, and to my reply of the 30th of that month, and to your note of November 21 in which you did me the honor to inform me of the issuing of an order in London for the arrest of the three criminals who had been previously discharged by Her Majesty's government, and who had been the subject of the late correspondence on the question of extradition, I have now the honor to inform you that further information has been received of the arrest of Brent, and of his surrender by Her Majesty's government to the person authorized to receive and convey him to the United States.

It is understood that Winslow and Gray, the two other fugitives to whom warrants were also issued, have escaped from or are concealed in Great Britain, and cannot be found.

The representative of the United States in London has informed us of the sincere desire of Her Majesty's government to cause their arrest, which, however, it has not been possible to effect.

Under these circumstances, and in accordance with the statements contained in my note of the 30th of October last, the President will not be ready to respond to any requisitions which may be made on the part of Her Majesty's government under the tenth article of the treaty of 1842, and will hereafter make similar requisitions upon Her Majesty's government, as heretofore, under the treaty, and will again regard the treaty as in full force, subject to the right reserved to either party to terminate the same pursuant to the eleventh article thereof.

I have great satisfaction in conveying to you this information, and in being able to state that no obstacles now exist in delivering up to justice fugitive criminals under the treaty of 1842, until such time as the two governments may be enabled to perfect and enter into a more comprehensive arrangement.

I have the honor to be, with the highest consideration, sir, your obedient servant,

HAMILTON FISH.

ESTIMATES FOR SOLDIERS' AND SAILORS' ORPHANS' HOME.

LETTER

FROM

THE SECRETARY OF THE INTERIOR,

TRANSMITTING

The estimate of the treasurer of the National Soldiers' and Sailors' Orphans' Home for the fiscal year ending June 30, 1878.

DECEMBER 28, 1876.—Referred to the Committee on Military Affairs and ordered to be printed.

DEPARTMENT OF THE INTERIOR,
OFFICE OF THE SECRETARY, *December 26, 1876.*

SIR: I have the honor to transmit herewith the original estimate of Marcellus Bailey, treasurer of the National Soldiers' and Sailors' Orphans' Home, for the current expenses of that institution for the fiscal year ending June 30, 1878. The delay in forwarding this estimate was caused by the illness of Mr. Bailey.

I have the honor to be, sir, very respectfully, &c.,

Z. CHANDLER,
Secretary of the Interior.

Hon. SAMUEL J. RANDALL,
Speaker of the House of Representatives.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1878, by the National Soldiers' and Sailors' Orphans' Home.

General object, (title of appropriation.)	Detailed objects of expenditure and explanations.	Date of act, resolutions, or treaties authorizing or providing for the expenditures.	Estimated amount which will be required for each detailed object of expenditure.	Amount appropriated for the current fiscal year ending June 30, 1877.
Current expenses....	Current expenses of the National Soldiers' and Sailors' Orphans' Home, salaries of employes, support of inmates, repairs, &c., for fiscal year ending June 30, 1878.	Appropriated..	\$10,000 00	\$10,000 00

MARCELLUS BAILEY,
Treasurer National Soldiers' and Sailors' Orphans' Home.

REGISTERED SEAMEN RECEIVING CITIZENSHIP.

LETTER

FROM

THE SECRETARY OF STATE,

TRANSMITTING

To the House of Representatives, in conformity with law, a statement of registered seamen receiving citizenship.

JANUARY 3, 1877.—Referred to the Committee on Commerce and ordered to be printed.

DEPARTMENT OF STATE,
WASHINGTON, January 2, 1877.

SIR: In compliance with section 207 of the Revised Statutes, I have the honor to transmit an abstract of the returns made to this Department by collectors of customs, pursuant to section 4591 of the said statutes, showing the number of seamen registered as having received certificates of citizenship during the year ending September 30, 1876.

I have the honor to be, sir, your obedient servant,

HAMILTON FISH.

The Hon. S. J. RANDALL,
Speaker of the House of Representatives.

Abstract of returns of collectors of customs, showing the number of seamen registered as having received certificates of citizenship during the year ending September 30, 1876.

State.	District.	Collector.	Quarterly return.	Citizens.	
				Native.	Naturalized.
New York.....	New York.....	C. A. Arthur.....	4th quarter, 1875.....	1	.....
Massachusetts.....	Edgartown.....	O. B. Marchant.....	4th quarter, 1875.....	4	.....
Rhode Island.....	Newport.....	C. N. Tilley.....	4th quarter, 1875.....	1	.....

NOTE.—Other collectors besides the above mentioned have forwarded returns, but report no seamen as

BALANCES TO BE RE-APPROPRIATED.

L E T T E R

FROM

THE SECRETARY OF THE TREASURY,

TRANSMITTING

To the House of Representatives a statement of balances required to be re-appropriated for the fiscal year ending June 30, 1875, and prior years.

JANUARY 6, 1877.—Referred to the Committee on Appropriations and ordered to be printed.

TREASURY DEPARTMENT,
Washington, D. C., January 6, 1877.

SIR: I have the honor to transmit herewith, in compliance with the requirements of section 5 of "An act making appropriations for the service of the Government for the fiscal year ending June 30, 1875, and for other purposes," approved June 20, 1874, a statement of such of the balances of appropriations carried to the surplus fund under the provisions of said act as are required to be re-appropriated for the service of the fiscal year 1874, and prior years, amounting, in the aggregate, to \$502,713.90.

Very respectfully,

LOT M. MORRILL,
Secretary.

HON. SAMUEL J. RANDALL,
Speaker of the House of Representatives.

Estimates of balances of appropriations carried to the surplus fund under the provision of the fifth section of the act of June 20, 1874, required to be re-appropriated.

[See Revised Statutes, title 41, page 725, sections 3660 to 3671, and Statutes, pamphlet edition, chap. 129, page 370, section 3, act of March 3, 1875.]

Detailed objects of expenditure and explanation.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount in surplus fund available for re-appropriation.
TREASURY DEPARTMENT.			
PAY OF CUSTODIANS AND JANITORS.			
Amount due Edward Hughes, deceased, for twenty-four days' services as janitor at the custom-house building at Pensacola, Fla., during the month of June, 1873, being for the service of the fiscal year 1873, per act of June 10, 1872, (17 Stat. L., p. 351, sec. 1)		\$30 56	\$67 72 1/2
Total for Treasury Department		30 56	67 72 1/2
WAR DEPARTMENT.			
PAY OF THE ARMY.			
To pay claims of officers and enlisted men of the regular service, or their heirs or assigns, for arrears of pay and allowances that may be due them on pay-rolls, final accounts, and on certificates of the accounting-officers of the Treasury Department, being for the service of the fiscal year 1871 and prior years, per act of July 15, 1870, (16 Stat. L., p. 315, sec. 1)		20,000 00	1,955 77 1/2
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for pay, traveling, and general expenses of the Army, being for the service of the fiscal year 1874, per act of March 3, 1874, (17 Stat. L., p. 544, sec. 1)		7 68	1 20 1/2
PROVIDING FOR THE COMFORT OF SICK AND DISCHARGED SOLDIERS.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for transportation of sick and discharged soldiers, being for the service of the fiscal year 1871 and prior years, per act of July 5, 1862, (12 Stat. L., p. 508, sec. 1)		52 00	1 00 1/2
BOUNTY TO VOLUNTEERS, THEIR WIDOWS AND LEGAL HEIRS.			
To pay claims of enlisted men of the volunteer service, or their widows and legal heirs, for bounty that may be certified to be due them by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1871 and prior years, per act of July 22, 1861, (12 Stat. L., p. 270, sec. 6)		25,389 58	25 20 1/2
REGULAR SUPPLIES, QUARTERMASTER'S DEPARTMENT.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for regular supplies of the Army, being for the service of the fiscal year 1871 and prior years, per act of July 15, 1870, (16 Stat. L., p. 316, sec. 1)	7,223 98		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for regular supplies of the Army, being for the service of the fiscal year 1871 and prior years, per act of July 15, 1870, (16 Stat. L., p. 316, sec. 1)	10,000 00		
		17,223 98	217 22 1/2
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for regular supplies of the Army, being for the service of the fiscal year 1874, per act of March 3, 1874, (16 Stat. L., p. 522, sec. 1)	126 40		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for regular supplies of the Army, being for the service of the fiscal year 1874, per act of March 3, 1874, (16 Stat. L., p. 522, sec. 1)	1,000 00		
		1,126 40	26 22 1/2
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for regular supplies of the Army, being for the service of the fiscal year 1873, per act of June 6, 1874, (17 Stat. L., p. 259, sec. 1)		1,000 00	26 22 1/2

Estimates of balances of appropriations carried to the surplus fund, &c.—Continued.

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount in surplus fund available for re-appropriation.
WAR DEPARTMENT—Continued.			
REGULAR SUPPLIES, QUARTERMASTER'S DEPARTMENT—Continued.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for regular supplies of the Army, being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 544, sec. 1).....	\$372 15		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for regular supplies of the Army, being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 544, sec. 1).....	1,000 00	\$1,372 15	\$188,983 97
INCIDENTAL EXPENSES, QUARTERMASTER'S DEPARTMENT.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for incidental expenses of the Army, being for the service of the fiscal year 1871, and prior years, per act of July 15, 1870, (16 Stat. L., p. 316, sec. 1).....	2,483 69		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for incidental expenses of the Army, being for the fiscal year 1871, and prior years, per act of July 15, 1870, (16 Stat. L., p. 316, sec. 1).....	10,000 00	12,483 69	133 746 40
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for incidental expenses of the Army, being for the service of the fiscal year 1873, per act of June 6, 1872, (17 Stat. L., p. 259, sec. 1).....		1,000 00	13,958 47
BARRACKS AND QUARTERS.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for rent or hire of quarters for troops, and for officers on military duty, &c., being for the service of the fiscal year 1873, per act of June 6, 1872, (17 Stat. L., p. 260, sec. 1).....	208 80		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for rent or hire of quarters for troops, and for officers on military duty, &c., being for the service of the fiscal year 1873, per act of June 6, 1872, (17 Stat. L., p. 260, sec. 1).....	1,000 00	1,208 80	42,563 15
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for rent or hire of quarters for troops, and for officers on military duty, &c., being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 545, sec. 1).....	318 83		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for rent or hire of quarters for troops, and for officers on military duty, &c., being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 545, sec. 1).....	1,000 00	1,318 83	21,990 48
TRANSPORTATION OF THE ARMY AND ITS SUPPLIES.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for transportation of the Army, being for the service of the fiscal year 1871 and prior years, per act of July 15, 1870, (16 Stat. L., p. 317, sec. 1).....	181,828 22		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for transportation of the Army, being for the service of the fiscal year 1871 and prior years, per act of July 15, 1870, (16 Stat. L., p. 317, sec. 1).....	20,000 00	201,828 22	250 312 96
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for transportation of the Army, being for the service of the fiscal year 1873, per act of June 6, 1872, (17 Stat. L., p. 260, sec. 1).....		61,493 04	61,493 04
NOTE.—Extract from Third Auditor's letter of December 19, 1876: "Under the appropriation for 'Army transportation for the fiscal year ending June 30, 1873,' I have included the amounts allowed to the several Pacific railroad companies for transportation during that year, viz: Union Pacific, \$374,976.07; Kansas Pacific, \$26,369.40; Central Pacific, \$378.25; and Sioux City and Pacific, \$1,105.16; total, \$462,828.88.			

Estimates of balances of appropriations carried to the surplus fund, &c.—Continued

Detailed objects of expenditure and explanation.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount in surplus fund available for re-appropriation.
WAR DEPARTMENT—Continued.			
TRANSPORTATION OF THE ARMY AND ITS SUPPLIES—Continued.			
<p>"By act of March 3, 1873, (Rev. Stats., 5260, 5261,) the Secretary of the Treasury was directed to withhold all payments to those companies for freight and transportation, leaving the Court of Claims to determine the respective rights of the companies and the United States.</p> <p>"The amounts for other fiscal years have been paid to the Secretary of the Treasury and he now withholds them. But in the act (June 23, 1874) making appropriation for Army transportation for that fiscal year, special provision was made excluding the several Pacific Railroad Companies from any part of the sum appropriated; hence the Secretary of War has had no fund out of which he could pay over to the Secretary of the Treasury the amounts allowed as above stated. It is desirable that Congress should now make an appropriation which will permit those amounts to be placed on the same footing with the amounts of other fiscal years.</p> <p>"The amount now in the surplus fund, under Army transportation for that year, being only \$61,493.04, a large deficiency appropriation will be needed."</p>			
For payment of accounts certified to be due by the accounting-officers of the Treasury Department for transportation of the Army, being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 545, sec. 1).....	\$54,602 94		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for transportation of the Army, being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 545, sec. 1).....	10,000 00	\$64,602 94	\$61,493 04
HORSES FOR CAVALRY AND ARTILLERY.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for purchase of horses for the cavalry and artillery, being for the service of the fiscal year 1873, per act of March 3, 1871, (16 Stat. L., p. 523, sec. 1).....	173 00		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for purchase of horses for the cavalry and artillery, for the service of the fiscal year 1873, per act of March 3, 1871, (16 Stat. L., p. 523, sec. 1).....	500 00	673 00	217
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for purchase of horses for the cavalry and artillery, for the service of the fiscal year 1873, per act of June 6, 1873, (17 Stat. L., p. 259, sec. 1).....		500 00	34 31
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for purchase of horses for the cavalry and artillery, for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 545, sec. 1).....		500 00	45
CLOTHING OF THE ARMY.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for clothing of the Army, being for the service of the fiscal year 1871 and prior years, per act of March 3, 1863, (13 Stat. L., p. 497, sec. 1).....	493 27		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for clothing of the Army, being for the service of the fiscal year 1871 and prior years, per act of March 3, 1863, (13 Stat. L., p. 497, sec. 1).....	500 00	993 27	322 4
SUBSISTENCE OF THE ARMY.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for subsistence-stores of the Army, being for the service of the fiscal year 1871 and prior years, per act of July 13, 1870, (16 Stat. L., p. 315, sec. 1).....	10,374 56		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for subsistence-stores of the Army, being for the service of the fiscal year 1871 and prior years, per act of July 13, 1870, (16 Stat. L., p. 315, sec. 1).....	20,000 00	30,374 56	25 4

Estimates of balances of appropriations carried to the surplus fund, &c.—Continued.

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount in surplus fund available for re-appropriation.
WAR DEPARTMENT—Continued.			
SUBSISTENCE OF THE ARMY—Continued.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for subsistence-stores of the Army, being for the service of the fiscal year 1872, per act of March 3, 1871, (16 Stat. L., p. 522, sec. 1)	\$96 00		
For payments of amounts that may be certified to be due by the accounting-officers of the Treasury Department for subsistence-stores of the Army, being for the service of the fiscal year 1872, per act of March 3, 1871, (16 Stat. L., p. 522, sec. 1)	250 00	\$346 00	\$351, 648 72
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for subsistence-stores of the Army, being for the service of the fiscal year 1873, per act of June 6, 1872, (17 Stat. L., p. 359, sec. 1)	152 80		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for subsistence-stores of the Army, being for the service of the fiscal year 1873, per act of June 6, 1872, (17 Stat. L., p. 359, sec. 1)	250 00	402 80	365, 953 33
For payment of amount certified to be due by the accounting-officers of the Treasury Department for subsistence-stores of the Army, being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 544, sec. 1)	85 18		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for subsistence-stores of the Army, being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 544, sec. 1)	250 00	335 18	801 13
TRANSPORTATION OF OFFICERS AND THEIR BAGGAGE.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for transportation of officers and their baggage when travelling on duty, being for the service of the fiscal year 1871 and prior years, per act of July 15, 1870, (16 Stat. L., p. 316, sec. 1)		111 94	\$, 893 98
RELIEF OF PERSONS SUFFERING FROM THE RAVAGES OF GRASS-HOPPERS, LIMITED TO SEPTEMBER 1, 1875.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for expenses of relief of persons suffering from the ravages of grasshoppers, incurred prior to September 1, 1875, per act of February 10, 1875, (18 Stat. L., p. 314, sec. 1)		288 40	15, 791 34
SUPPORT OF BUREAU OF REFUGEES, FREEDMEN AND ABANDONED LANDS.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for the support of the Bureau of Refugees, Freedmen and Abandoned Lands, being for the service of the fiscal year 1871 and prior years, per act of March 3, 1871, (16 Stat. L., p. 530, sec. 1)		196 25	196 25
SIGNAL-SERVICE.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for the Signal-Service of the Army for the fiscal year 1871 and prior years, per act of July 15, 1870, (16 Stat. L., p. 316, sec. 1)		42 00	74 34
PAY, TRANSPORTATION, SERVICES, AND SUPPLIES OF OREGON AND WASHINGTON VOLUNTEERS IN 1855 AND 1856.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for pay, transportation, services, and supplies of Oregon and Washington volunteers in 1855 and 1856, being for the service of the fiscal year 1871 and prior years, per act of March 2, 1861, (12 Stat. L., p. 198, sec. 1)	425 94		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department on claims now pending, being for the service of the fiscal year 1871 and prior years, per act of March 2, 1861	50, 000 00	50, 425 94	237, 418 14
NOTE.—The amounts estimated under this title of appropriation are recommended by the Third Auditor.			

Estimates of balances of appropriations carried to the surplus fund, &c.—Continued

Detailed objects of expenditure and explanation.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount in surplus fund available for re-appropriation.
WAR DEPARTMENT—Continued.			
MILITARY AND GEOGRAPHICAL SURVEYS WEST OF THE MISSISSIPPI RIVER.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for expenses of military and geographical surveys west of the Mississippi River, being for the service of the fiscal year 1873, per act of June 10, 1872, (17 Stat. L., p. 367, sec. 1)		\$10 56	81 2
COLLECTING, DRILLING, AND ORGANIZING VOLUNTEERS.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for collecting, drilling, and organizing volunteers, being for the service of the fiscal year 1871 and prior years, per act of June 15, 1864, (13 Stat. L., p. 126, sec. 1)		95 58	1,636 25
MEDICAL AND HOSPITAL DEPARTMENT.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for medical and hospital supplies and incidental expenses of the Medical Department of the Army, being for the service of the fiscal year 1871 and prior years, per act of March 3, 1869, (15 Stat. L., p. 316, sec. 1)		2,260 46	739 54
For payment of amounts certified to be due by the accounting-officers for medical and hospital supplies, and incidental expenses of the Army, being for the service of the fiscal year 1873, per act of June 6, 1872, (17 Stat. L., p. 260, sec. 1)		11 10	3 17
CONTINGENCIES OF THE ARMY.			
For contingencies of the Army certified to be due by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1871 and prior years, per act of July 15, 1870, (16 Stat. L., p. 315, sec. 1)		14 10	4 71 4
EXPENSES OF RECRUITING.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for expenses of recruiting and transportation of recruits, being for the service of the fiscal year 1872, per act of March 3, 1871, (16 Stat. L., p. 593, sec. 1)		26 40	2 54 1
GENERAL EXPENSES.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for general expenses of the Army, being for the service of the fiscal year 1873, per act of March 3, 1871, (16 Stat. L., p. 593, sec. 1)		6 72	1 23 2
For payment of amounts certified to be due by the accounting-officers for the general expenses of the Army, being for the service of the fiscal year 1873, per act of June 6, 1872, (17 Stat. L., p. 259, sec. 1)		2 72	50 25 7
MILEAGE.			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for allowances to officers of the Army for transportation of themselves and their baggage when traveling on duty, &c., being for service of the fiscal year 1873, per act of June 6, 1872, (17 Stat. L., p. 259, sec. 1)		126 60	61 14 7
Total for War Department.....		497,852 00	4,785 26 1
INTERIOR DEPARTMENT.			
SURVEYING PUBLIC LANDS.			
<i>Surveying public lands in California.</i>			
Amount due John Goldsworthy, deputy-surveyor, for surveys executed under contract of October 3, 1873, with the surveyor-general of California, being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 516, sec. 1)		1,467 15	4 31 7

Estimates of balances of appropriations carried to the surplus fund, &c.—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount in surplus fund available for re-appropriation.
INTERIOR DEPARTMENT—Continued.			
<i>Surveying public lands in Oregon.</i>			
Amount due Jeremiah M. Dick, deputy surveyor, for surveys executed under contract of July 2, 1873, with the surveyor-general of Oregon, being for the service of the fiscal year 1874, per act of March 3, 1873, (17 Stat. L., p. 516, sec. 1).....		\$2,094 69	\$5,712 04
INDIAN AFFAIRS.			
<i>Pay of superintendents and agents.</i>			
For payment of amount certified to be due W. P. Callon, late Indian agent, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1873 and prior years, per act of May 29, 1873, (17 Stat. L., p. 165, sec. 1).....		178 86	61,961 89
<i>Pay of interpreters.</i>			
For payment of amounts certified to be due W. P. Callon, late Indian agent, and W. H. French, jr., late acting Indian agent, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1873 and prior years, per act of May 29, 1873, (17 Stat. L., p. 166, sec. 1).....		200 63	1,895 67
<i>Buildings at agencies and repairs.</i>			
For payment of amounts certified to be due W. P. Callon, late Indian agent, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1873 and prior years, per act of May 29, 1873, (17 Stat. L., p. 166, sec. 1).....		9 61	11,892 35
<i>Contingencies of the Indian Department.</i>			
For payment of amounts certified to be due W. P. Callon and Simeon Whiteley, late Indian agents, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1873, and prior years, per act of May 29, 1873, (17 Stat. L., p. 166, sec. 1).....		96 80	1,080 73
<i>Incidental expenses Indian service in Arizona.</i>			
For payment of amounts certified to be due Herman Bendell, late Indian superintendent, and Cornelius Brice, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1874, per act of February 14, 1873, (17 Stat. L., p. 459, sec. 1).....		357 42	357 42
<i>Incidental expenses Indian service in California.</i>			
For payment of amount certified to be due Charles Maltby, late Indian agent, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1873 and prior years, per act of May 29, 1873, (17 Stat. L., p. 187, sec. 1).....		15 71	1,262 03
<i>Incidental expenses Indian service in Dakota.</i>			
For payment of amount certified to be due W. H. French, jr., late acting Indian agent, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1873 and prior years, per act of May 29, 1873, (17 Stat. L., p. 187, sec. 1).....		98 75	1,151 56
<i>Incidental expenses Indian service in New Mexico.</i>			
For payment of amount certified to be due John S. Armstrong, late Indian agent, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1873 and prior years, per act of May 29, 1873, (17 Stat. L., p. 187, sec. 1).....		220 00	2,291 82
<i>Incidental expenses Indian service in Oregon.</i>			
For payment of amount certified to be due J. T. Booth, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1874, per act of February 14, 1873, (17 Stat. L., p. 460, sec. 1).....		72 44	683 50

Estimates of balances of appropriations carried to the surplus fund, &c.—Continued.

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount in surplus fund available for re-appropriation.
INTERIOR DEPARTMENT—Continued.			
INDIAN AFFAIRS—Continued.			
<i>Collecting and subsisting Apaches of Arizona and New Mexico.</i>			
For payment of amount certified to be due Josephus Williams, late Indian agent, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1873 and prior years, per act of May 29, 1872, (17 Stat. L., p. 166, sec. 1).....		\$52 97	\$11, 379 45
<i>Maintaining peace among and with the various tribes and bands of Indians.</i>			
For payment of amount certified to be due W. H. French, jr., late acting Indian agent, by the accounting-officers of the Treasury Department, being for the service of the fiscal year 1871 and prior years, per act of April 10, 1869, (16 Stat. L., p. 40, sec. 4).....		16 42	1, 169 63
Total for Interior Department		4, 821 45	125, 594 46
RECAPITULATION.			
Treasury Department		39 56	67, 720 00
War Department		497, 852 89	8, 785, 205 00
Interior Department		4, 821 45	125, 594 46
Grand total		502, 713 90	8, 972, 519 46

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ESTIMATES OF APPROPRIATIONS FOR THE VARIOUS DE-
PARTMENTS FOR THE YEAR ENDING JUNE 30, 1877.

L E T T E R

FROM

THE SECRETARY OF THE TREASURY,

TRANSMITTING

*To the House of Representatives estimates of appropriations required by
the various Departments for the year ending June 30, 1877, and prior
years.*

JANUARY 6, 1877.—Referred to the Committee on Appropriations and ordered to be
printed.

TREASURY DEPARTMENT,
Washington, D. C., January 6, 1877.

SIR: I have the honor to transmit herewith the estimates of appro-
priations required by the various Departments to complete the service
of the fiscal year ending June 30, 1877, and prior years, amounting to
\$2,621,101.03.

Very respectfully,

LOT M. MORRILL,
Secretary.

HON. SAMUEL J. RANDALL,
Speaker of the House of Representatives.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1877

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1876, the appropriation thus required.
DEPARTMENT OF STATE.			
FOREIGN INTERCOURSE.			
Salaries, consular service:			
To effect a transfer of accounts in the State Department, involving no expenditure of money from the Treasury, viz: For salaries of consuls-general, consuls, vice-consuls, commercial agents, and clerks, being for the fiscal year 1875, \$1,629.75.....			
Contingent expenses of consulates:			
To effect a transfer of accounts in the State Department, involving no expenditure of money from the Treasury, viz: For stationery, book-cases, arms of the United States, seals, presses, and flags, rent, freight, postage, and miscellaneous items, being for the fiscal year 1875, \$1,412.84; and for the fiscal year 1876, \$15,072.62.....			
TREASURY DEPARTMENT.			
MINTS AND ASSAY-OFFICES.			
Freight on bullion, Mint of the United States at Philadelphia:			
For freight on bullion and coin, being a deficiency for the year 1877, the appropriation for the year being already exhausted; per act August 15, 1876, (19 Stat. L. p. 157, sec. 1).....		\$6,000 00	\$5.00
Contingent expenses, Mint of the United States at Philadelphia:			
To meet the amount of unpaid balances on account of contingent expenses of the Mint at Philadelphia, being a deficiency for the fiscal year 1876; per act March 3, 1875, (18 Stat. L., p. 356, sec. 1).....		191 55	7.00
TERRITORIAL GOVERNMENTS.			
<i>Territory of Arizona.</i>			
Salaries, governor, &c.:			
Amount due Coles Bashford, late secretary of Arizona Territory, for salary, as per certificate of the accounting-officers of the Treasury Department, being a deficiency for the fiscal year 1876; per act March 3, 1875, (18 Stat. L., p. 357, sec. 1).....		385 93	13.00
<i>Territory of Colorado.</i>			
Salaries, governor, &c.:			
Amount due John L. Routt, late governor of Colorado Territory, for salary, as per certificate of the accounting-officers of the Treasury Department, being a deficiency for the fiscal year 1876; per act March 3, 1875, (18 Stat. L., p. 357, sec. 1).....		6 80	13.00
NOTE.—By the act of May 1, 1876, supplying deficiencies, it is provided that "payment of salaries of all officers of the Territories shall commence only when the person appointed to any such office shall enter upon the duties of such office in such Territory." Before this became a law, some of the territorial officers received salary from the date of their commissions, whereby, when changes occurred, two were paid for the same period. The deficiencies on account of salaries in the Territories arose in that way.			
<i>Territory of New Mexico.</i>			
Legislative expenses:			
To pay José D. Sena for services rendered in translating journals of house and council, and translating (and copy furnished for printers) general and special laws, session of 1873 and 1874, as per voucher of W. G. Ritch, secretary of the Territory of New Mexico, being a deficiency for the fiscal year 1874; per act March 3, 1873, (17 Stat. L., p. 499, sec. 1).....		1,000 00	20.00

ESTIMATES OF APPROPRIATIONS.

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Estimates of appropriations, &c.—Continued.

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
TREASURY DEPARTMENT—Continued.			
TERRITORIAL GOVERNMENTS—Continued.			
<i>Territory of Wyoming.</i>			
Legislative expenses:			
For incidental expenses of the secretary's office, viz :			
Amount due M. E. Post for rent	\$150 00		
Amount due Addoms & Glover for lights, &c.	23 30		
Amount due Draper & Hammond for repairing stoves, &c.	15 70		
being a deficiency for the fiscal year 1876; per act of March 3, 1875, (18 Stats. L., p. 359, sec. 1)		\$189 00	\$22,000 00
COAST SURVEY.			
Survey of the Atlantic and Gulf coasts:			
For the continuation of the survey of the Atlantic and Gulf coasts of the United States, being a deficiency for the fiscal year 1877, (Rev. Stat., p. 917, secs. 4681, 4691; appropriated, 19 Stats. L., p. 116, sec. 1)		35,000 00	300,000 00
Survey of the western coast:			
For the continuation of the survey of the Pacific coast of the United States, being a deficiency for the fiscal year 1877, (Rev. Stat., p. 917, secs. 4681, 4691; appropriated, 19 Stats. L., p. 116, sec. 1)		25,000 00	200,000 00
MISCELLANEOUS.			
Transportation of United States securities:			
For transportation of notes, bonds, and other securities of the United States, being a deficiency for the fiscal year 1876; per act of March 3, 1875, (18 Stats. L., p. 372, sec. 1)		15,584 93	50,000 00
Expenses of national currency:			
To adjust the settled account of the Bureau of Engraving and Printing, Treasury Department, being amount found due said bureau for printing, sealing, &c., involving no expenditure of money from the Treasury, being for the fiscal year 1876, \$1,067.75			
Suppressing counterfeiting and fraud:			
For payment of claims for services rendered and expenses incurred by different parties in the Secret Service Division of the Treasury Department, as per letter of the Solicitor of the Treasury, viz :			
Due James T. Porter	\$239 80	{ 239 80 1,673 88	{ 125,000 00 125,000 00
Due H. F. Hutchinson	259 25		
Due Western Union Telegraph Company	36 84		
Due Andrew J. Carnes	147 60		
Due Henry Finnegass	337 00		
Due J. W. Schoenecker	580 15		
Due Louis Delano	313 04		
Total	1,913 68		
being a deficiency for the fiscal year 1873 of \$239.80, and for the fiscal year 1874 of \$1,673.88; per act of June 10, 1872, (17 Stats. L., p. 348, sec. 1,) and per act of March 3, 1873, (17 Stats. L., p. 512, sec. 1.)			
Salaries and traveling-expenses of agents at seal-fisheries in Alaska:			
To pay the salary of Samuel Falconer, special agent at the seal-fisheries in Alaska, for the months of October and November, 1876, at the rate of \$2,920 per annum, \$484; to pay the salary of William J. McIntyre, special agent at the seal-fisheries in Alaska, for the same period, at the rate of \$2,190 per annum, \$363, being a deficiency for the fiscal year 1877 of \$847; per act of July 31, 1876, (19 Stats. L., p. 118, sec. 1.)		847 00	9,465 00
NOTE.—This estimate is made to cover the time necessarily occupied by these agents in returning to their homes and in settling their accounts, after being relieved from their duties, in accordance with the provisions of the act of July 31, 1876.			
Salaries and expenses of collectors of internal revenue :			
For salaries and expenses of collectors, being a deficiency for the fiscal year 1877; per act of August 15, 1876, (Stats. at L., 19, page 152, sec. 1.)		50,000 00	1,842,921 20

ESTIMATES OF APPROPRIATIONS.

Estimates of appropriations, &c.—Continued.

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which no appropriation is required.
TREASURY DEPARTMENT—Continued.			
MISCELLANEOUS—Continued.			
Postage, Treasury Department: For purchase of official postage-stamps, being a deficiency for the fiscal year 1877; per act of August 15, 1876, (Stats. at L. 19, page 169, sec. 9)		\$100,000 00	\$100,000 00
NOTE.—This deficiency arises in consequence of the increased expenses of sending internal-revenue stamps by mail as directed in the act of August 15, 1876, (19 Stats. L., 152.)			
Total for Treasury Department		\$36,118 66	\$36,118 66
WAR DEPARTMENT.			
OFFICE OF THE SECRETARY.			
Contingent expenses, office of Secretary of War: Blank books, stationery, labor, books, maps, and miscellaneous items, being a deficiency for the fiscal year 1877, (Appropriated, 19 Stats. L., p. 160, sec. 1)		2,000 00	2,000 00
BUREAU OF MILITARY JUSTICE.			
Salaries, Bureau of Military Justice: To supply a deficiency in salary of chief clerk, being the difference between the amount appropriated for the period from August 15, 1876, to June 30, 1877, and amount (\$3,000 per annum) fixed by law, (Rev. Stats., p. 34, sec. 215; act June 20, 1874, 18 Stats. L., p. 101, sec. 1; act August 15, 1876, 19 Stats. L., p. 160, sec. 1)		175 54	175 54
MISCELLANEOUS.			
Contingent expenses, War Department building: Labor, fuel, light, and miscellaneous items, being a deficiency for the fiscal year 1877, (appropriated, 19 Stats. L., p. 161, sec. 1)		2,000 00	2,000 00
MILITARY ESTABLISHMENT.			
Military Academy.			
Current and ordinary expenses, Military Academy: For expenses of the board of visitors, being a deficiency for the fiscal year 1877, (appropriated, 19 Stats. L., p. 124, sec. 1)		1,000 00	1,000 00
NOTE.—The amount appropriated (\$1,000) for the present fiscal year will not be sufficient to cover the necessary expenses. The expenditure for the year ending June 30, 1876, was \$3,597.36, and one member has not yet sent in his bill for traveling-expenses.			
For transportation of discharged cadets, being a deficiency for the fiscal year 1876, (appropriated, 18 Stats. L., p. 467, sec. 1)		300 00	300 00
NOTE.—The deficiency arises from the number of cadets found deficient and discharged, and the distance of their homes from West Point.			
Miscellaneous items, and incidental expenses, Military Academy: For pay of clerk to the officer assigned as quartermaster, commissary, and purveyor, for the cadets' mess, under act of August 7, 1876, being a deficiency for the fiscal year 1877, (submitted)		1,200 00	1,200 00
Office of Surgeon-General.			
Medical and hospital department: Purchase of medical and hospital supplies; medical care and treatment of officers and soldiers on detached duty; expenses of purveying depots; advertising, and other miscellaneous expenses of the medical department, being a deficiency for the fiscal year 1877; per act of July 24, 1876, (19 Stats. L., p. 97, sec. 1)		50,000 00	50,000 00
NOTE.—This is necessary: 1st. The appropriation for this year is reduced from an estimate for \$225,000 to \$175,000. 2d.			

Estimates of appropriations, &c.—Continued.

Detailed objects of expenditure and explanation.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
WAR DEPARTMENT—Continued.			
<i>Office of Surgeon-General—Continued.</i>			
Because under existing law the Army has been increased 2,500 men, while about fifty contract-surgeons, heretofore paid by the Pay Department, must be discharged, which will leave certain posts without medical attendance, for which bills of private physicians must be paid from the appropriation for the medical and hospital department.			
Artificial limbs:			
For furnishing artificial limbs or appliances, or commutation therefor, and for transportation, being a deficiency for the year 1877, (Rev. Stats., p. 937, secs. 4787-4791; act of March 23, 1876, 19 Stats. L., p. 8, sec. 1; act of August 15, 1876, 19 Stats. L., p. 203, sec. 1)		\$213,000 00	\$52,000 00
NOTE.—The cost of furnishing artificial limbs or appliances during the two years ending June 30, 1872, was	\$807,738		
Under the five-years' law there have been re-issued of these, during the year ending June 30, 1876	254,475		
Balance remaining due	353,263		
Supposing that one-fourth have died	88,316		
Amount to be paid during the year 1876-'77	264,947		
Less amount appropriated	52,000		
Leaving to be provided for	212,947		
Under the act of Congress approved August 15, 1876, cases of amputation at or above the elbow or knee, heretofore debarred by law, are now entitled to limbs or commutation.			
<i>Quartermaster-General's Office.</i>			
Barracks and quarters:			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department, for rent or hire of quarters for troops, and for officers on military duty, &c., being a deficiency for the service of the fiscal year 1871, and prior years; per act July 15, 1870, (16 Stats. L., p. 317, sec. 1) ..	\$2,797 35		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department, for rent or hire of quarters for troops, and for officers on military duty, &c., being a deficiency for the service of the fiscal year 1871, and prior years; per act July 15, 1870, (16 Stats. L., p. 317, sec. 1)	30,000 00	32,797 35	750,000 00
Transportation of the Army and its supplies:			
For payment of amounts certified to be due by the accounting-officer of the Treasury Department, for transportation of the Army, being a deficiency for the fiscal year 1873; per act June 6, 1872, (17 Stats. L., p. 260, sec. 1)	401,506 84		
NOTE.—Extract from Third Auditor's letter of December 19, 1876: "Under the appropriation for Army transportation for the fiscal year ending June 30, 1873, I have included the amounts allowed the several Pacific Railroad Companies for transportation during that fiscal year, viz: Union Pacific, \$374,976.07; Kansas Pacific, \$86,369.40; Central Pacific, \$378.25, and Sioux City and Pacific, \$1,105.16—total, \$462,228.88.			
"By act of March 3, 1872, (Rev. Stats., s. 5260, 5261,) the Secretary of the Treasury was directed to withhold all payments to those companies for freight and transportation, leaving the Court of Claims to determine the respective rights of the companies and the United States. The amounts for other fiscal years have been paid to the Secretary of the Treasury, and he now withholds them. But in the act of June 22, 1874, making appropriation for Army transportation for that fiscal year, special provision was made excluding the Pacific Railroad Companies from any part of the sum appropriated; hence the Secretary of War has had no fund out of which he could pay over to the Secretary of the Treasury the amounts allowed as above stated. It is desirable that Congress should now make an appropriation which will permit those amounts to be placed on the same footing with amounts for other fiscal years.			

Estimates of appropriations, &c.—Continued.

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year 1871, and the appropriation for the fiscal year 1872, is required.
WAR DEPARTMENT—Continued.			
<i>Quartermaster-General's Office—Continued.</i>			
"The amount now in the surplus-fund under Army transportation for that year being only \$61,493.04, a large deficiency appropriation will be needed."			
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for transportation of the Army, being a deficiency for the service of the fiscal year 1873; per act June 6, 1872, (18 Stats. L., p. 260, sec. 1)	\$3,000 00		
Incidental expenses, Quartermaster's Department:			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for incidental expenses of the Army, being a deficiency for the fiscal year 1874; per act March 3, 1873, (17 Stats. L., p. 544, sec. 1)	3,432 95		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department on claims now pending for incidental expenses of the Army, being a deficiency for the fiscal year 1874; per act March 3, 1873, (17 Stats. L., p. 544, sec. 1)	3,000 00	6,432 95	1,300 00
Horses for cavalry and artillery:			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for purchase of horses for the cavalry and artillery, being a deficiency for the fiscal year 1871 and prior years; per act March 3, 1869, (15 Stats. L., p. 317, sec. 1)	669 00		
For payment of amounts that may be certified to be due by the accounting-officers of the Treasury Department for purchase of horses for the cavalry and artillery, being a deficiency for the fiscal year 1871 and prior years; per act March 3, 1869, (15 Stats. L., p. 317, sec. 1)	3,000 00	3,669 00	250 00
National cemeteries:			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for establishing and maintaining national cemeteries, being a deficiency for the fiscal year 1871 and prior years of \$243 85; per act July 15, 1870, (16 Stats. L., p. 317, sec. 1.) and a deficiency for the fiscal year 1872 of \$76; per act March 3, 1871, (16 Stats. L., p. 523, sec. 1.)		243 85 76 00	300 00 200 00
<i>Miscellaneous.</i>			
Support of Bureau of Refugees, Freedmen and Abandoned Lands:			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for the support of the Bureau of Refugees, Freedmen and Abandoned Lands, being a deficiency for the fiscal year 1871, and prior years; per act March 3, 1871, (16 Stats. L., p. 521, sec. 1)		1,036 10	157 00
Military and geographical surveys west of the Mississippi River:			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department for expenses of military and geographical surveys west of the Mississippi River, being a deficiency for the fiscal year 1873; per act June 10, 1872, (17 Stats. L., p. 367, sec. 1)		22 30	10 00
Rock Island arsenal, Rock Island, Ill.:			
For payment of amounts certified to be due by the accounting-officers of the Treasury Department to the Chronicle Publishing Company for advertising proposals for stone at Rock Island arsenal, being a deficiency for the fiscal year 1871 and prior years; per act July 15, 1870, (16 Stats. L., p. 299, sec. 1)		54 00	300 00
Three months' extra pay:			
For the payment of claims of officers and men who served in the war with Mexico for three months' extra pay, per acts of July 19, 1848, and August 14, 1848, being a deficiency for the fiscal year 1871 and prior years, (9 Stats. L., p. 248, sec. 5; 9 Stats. L., p. 304, sec. 5)		50,000 00	1,000 00

Estimates of appropriations, &c.—Continued.

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
WAR DEPARTMENT—Continued.			
<i>Miscellaneous—Continued.</i>			
Bridge-trains and equipage: For payment of amounts certified to be due by the accounting-officers of the Treasury Department for bridge-trains and equipage, being a deficiency for the fiscal year 1871 and prior years; per act February 28, 1865, (13 Stats. L., p. 443, sec. 1)	.....	\$200 00	\$300,000 00
Total for War Department .....	.....	768,713 83	11,036,469 46
NAVY DEPARTMENT.			
NAVAL ESTABLISHMENT.			
Pay of the Navy: For pay of the officers and men of the Navy, according to existing laws and the established custom of the service, a deficiency for the fiscal year ending June 30, 1877, being the difference between the sum of \$7,300,000, required for that purpose, and the sum of \$5,750,000, appropriated therefor, (submitted) .....	.....	1,550,000 00	5,750,000 00
Total for Navy Department .....	.....	1,550,000 00	5,750,000 00
INTERIOR DEPARTMENT.			
OFFICE OF COMMISSIONER OF PATENTS.			
Contingent expenses, office of Commissioner of Patents: For contingent and miscellaneous expenses, being a deficiency for the fiscal year 1877, (appropriated, 19 Stats. L., p. 164, sec. 1) .....	.....	20,000 00	70,000 00
Copies of drawings, office of Commissioner of Patents: For photolithographing and otherwise producing copies of drawings and back issues for the use of the office and for sale, being a deficiency for the fiscal year 1877, (appropriated, 19 Stats. L., p. 164, sec. 1) .....	.....	10,000 00	40,000 00
SURVEYING PUBLIC LANDS.			
Surveying public lands in Oregon: Amount due Jesse Applegate for surveys executed under contract with the surveyor-general of Oregon, being a deficiency for the fiscal year 1871 and prior years; per act July 15, 1870, (16 Stats. L., p. 305, sec. 1)	\$342 01		
Amount due Jesse Applegate and D. W. Applegate for surveys executed under contract with the surveyor-general of Oregon, being a deficiency for the fiscal year 1871 and prior years; per act July 15, 1870, (16 Stats. L., p. 305, sec. 1)	471 37	813 38	40,000 00
Amount due W. H. Byars for expenses incurred in examining surveys in order to test the accuracy of the work, under instructions from the surveyor-general of Oregon, March 13, 1872, being a deficiency for the fiscal year 1873; per act June 10, 1873, (17 Stats. L., p. 358, sec. 1)		238 50	70,000 00
Amounts due A. Geeser and John S. Kincaid for surveys executed under contracts with the surveyor-general of Oregon, being a deficiency for the fiscal year 1874; per act March 3, 1873, (17 Stats. L., p. 516, sec. 1)		1,073 42	70,000 00
Amounts due J. W. Meldrum, H. Meldrum, W. H. Odell, B. F. Vaughn, and N. O. Walden, for surveys executed under contracts with the surveyor-general of Oregon, being a deficiency for the fiscal year 1875; per act June 23, 1874, (18 Stats. L., p. 213, sec. 1)	2,618 35		
Amount due E. P. Henderson for surveys executed under contract with the surveyor-general of Oregon, being a deficiency for the fiscal year 1875; per act of June 23, 1874, (18 Stats. L., p. 213, sec. 1)	931 79	3,550 14	60,000 00

Estimates of appropriations, &c.—Continued.

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
INTERIOR DEPARTMENT—Continued.			
SURVEYING PUBLIC LANDS—Continued.			
Amount due William H. Odell, deputy surveyor, for surveys executed under contract with the surveyor-general of Oregon, being a deficiency for the fiscal year 1876; per act March 3, 1875, (1 st Stats. L., p. 383, sec. 1).....		\$1,854 98	\$70, 00
NOTE.—This amount is submitted to cover the work returned in excess of the appropriation, the survey being available.			
Surveying public lands in California:			
Amount due W. H. Carleton for surveys executed under contract with the surveyor-general of California, being a deficiency for the fiscal year 1871 and prior years; per act July 15, 1870, (16 Stats. L., p. 304, sec. 1).....		103 24	50, 00
Surveying public lands in Washington:			
Amount due W. R. Ballard for surveys executed under contract with the surveyor-general of Washington Territory, being a deficiency for the fiscal year 1874; per act March 3, 1873, (17 Stats. L., p. 516, sec. 1).....		324 31	70, 00
Surveying public lands in Florida:			
Amount due M. A. Williams for surveys executed under contract with the surveyor-general of Florida, being a deficiency for the fiscal year 1874; per act March 3, 1873, (17 Stats. L., p. 515, sec. 1).....		759 59	12, 00
Survey of public lands in Utah:			
Amounts due Joseph Gorlinaki and Bailey & Burrill for surveys executed under contract with the surveyor-general of Utah, being a deficiency for the fiscal year 1875; per act June 23, 1874, (18 Stats. L., p. 213, sec. 1).....		392 28	20, 00
Surveying public lands in Montana:			
Amounts due McFarland & Kellogg, McFarland & Bonnell, and Post & Koch for surveys executed under contract with the surveyor-general of Montana, being a deficiency for the fiscal year 1875; per act June 23, 1874, (18 Stats. L., p. 212, sec. 1).....		213 30	40, 00
Surveying public lands in Arizona:			
Amount due T. F. White for surveys executed under contract with the surveyor-general of Arizona, being a deficiency for the fiscal year 1875; per act June 23, 1874, (18 Stats. L., p. 212, sec. 1).....		351 10	20, 00
Surveying public lands in Louisiana:			
Amount due James L. Bradford for surveys executed under contract with the surveyor-general of Louisiana, being a deficiency for the fiscal year 1875; per act June 23, 1874, (18 Stats. L., p. 212, sec. 1).....		484 13	15, 00
Surveying public lands in Dakota:			
Amount due James C. Blanding, deputy surveyor, for surveys executed under contract of February 26, 1874, with the surveyor-general of Dakota, being a deficiency for the fiscal year 1874; per act March 3, 1873, (17 Stats. L., p. 515, sec. 1).....		139 63	20, 00
Examination of the public surveys:			
Colorado: For examining surveys in the field in order to test the accuracy of the work before approving the same, under instructions from the surveyor-general to E. H. Kellogg, dated August 14, 1876, being for the service of the fiscal year 1877, no appropriation for the examination of surveys having been made by Congress for the present fiscal year, (submitted).....		110 00	
Survey of Indian reservations:			
Arizona Territory: For the survey and subdivision of the Colorado River Indian reservation, by Chandler Robbins, designated by the late Secretary of the Interior; assignment of \$6,000 for the work.....	\$1,314 00		
Dakota Territory: For the survey of that part of the Sioux Indian reservation in the Peoria bottom lying east of the Missouri River, by T. B. Medary, designated by the late Secretary of the Interior; assignment of \$6,000 for the work.....	1,310 43	4, 006 61	191, 20 00
For the survey of the Devil's Lake Indian reservation, in Dakota Territory, by Charles H. Bates, designated by the late Secretary of the Interior; assignment of \$6,500 for the work.....	1,384 18		
Being a deficiency for the fiscal years 1875-76; per act March 3, 1875, (18 Stats. L., p. 384, sec. 1.)			

Estimates of appropriations, &c.—Continued.

Detailed objects of expenditure and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
INTERIOR DEPARTMENT—Continued.			
SURVEYING PUBLIC LANDS—Continued.			
Survey of Indian reservations—Continued.			
Dakota Territory: For the survey of a part of the Sioux Indian reservation located on White River west of the Missouri River, in Dakota Territory, by James W. Miller, designated by the late Secretary of the Interior, and under his contract dated October 2, 1874.....	\$11,659 75		
Idaho Territory: For the survey of the Fort Hall Indian reservation, Idaho, by D. P. Thompson, designated by the late Secretary of the Interior; assignment of \$10,000 for the work.....	4,520 50	\$21,434 61	\$292,686 00
Oregon: For survey of the Malheur Indian reservation for the Snake and Pi Ute Indians in Oregon, by Thompson & Meldrum, under their contract dated October 24, 1874, payable out of the \$10,000 assigned to them by the late Secretary of the Interior.....	5,254 36		
Being a deficiency for the fiscal years 1874-'75; per act June 23, 1874, (18 Stat. L., p. 213, sec. 1.)			
NOTE.—The last six estimates of deficiencies have been caused partly by diversions of certain sums assigned by the late Secretary of the Interior to the respective surveyors for the purpose of liquidating surveying liabilities of a different surveyor, after the several contracts had been entered into and the parties had gone into the fields of their respective operations, and partly by executing work in excess of the terms of their contracts. The surveys, however, as well as the triplicate plats and field-notes of the Indian reservations, having been returned to this office and found correctly executed and available for Indian purposes, the several deficiencies are submitted for congressional action thereon.			
Contingent expenses, office of surveyor-general of Idaho: To pay L. F. Cartee, surveyor-general of Idaho, for expenses incurred in investigating certain surveys, under instructions from the General Land-Office dated November 19, 1868, being a deficiency for the fiscal year 1871 and prior years; per act of July 15, 1870, (16 Stat. L., p. 293, sec. 1)....		299 94	2,000 00
NOTE.—This sum is submitted to refund the expenses incurred by Mr. Cartee, in investigating and examining certain surveys in the field, pursuant to instructions from the Commissioner of the General Land-Office dated November 19, 1868, the contingent fund of the surveyor-general's office not admitting at the time of liquidating the amount due him. This estimate was formerly submitted, but no appropriation having been made, and the claim being a just one, it is herewith submitted again, with recommendation that it receive favorable action.			
INDIAN AFFAIRS.			
Incidental expenses, Indian service in Arizona: For payment of amount certified to be due Cornelius Brice by the accounting-officers of the Treasury Department, being a deficiency for the fiscal year 1874; per act of February 14, 1873, (17 Stat. L., p. 458, sec. 1)		117 05	75,000 00
Total for Interior Department.....		66,268 21	1,288,500 00

RECAPITULATION.

	Amount of deficiencies.	Formerly appropriated.
Treasury Department	\$236,118 89	\$2,904,886 30
War Department	768,713 93	11,036,469 46
Navy Department	1,550,000 00	5,750,000 00
Interior Department.....	66,268 21	1,288,500 00
Grand total	2,021,101 03	20,979,855 66

ANNUAL REPORT

OF THE

ATTORNEY-GENERAL

OF THE

UNITED STATES.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1877.

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1877.

LETTER
OF THE
ATTORNEY-GENERAL OF THE UNITED STATES,

TRANSMITTING

His annual report, in compliance with the act of March 8, 1873.

JANUARY 9, 1877.—Laid on the table and ordered to be printed.

DEPARTMENT OF JUSTICE,
WASHINGTON, January 8, 1877.

SIR: I have the honor to transmit herewith my report for the year 1876.

Very respectfully, your obedient servant,

ALPHONSO TAFT,
Attorney-General.

The **SPEAKER** of the *House of Representatives.*

REPORT OF THE ATTORNEY-GENERAL OF THE UNITED STATES.

DEPARTMENT OF JUSTICE,
WASHINGTON, January 8, 1877.

To the Senate and House of Representatives of the United States in Congress assembled :

In obedience to the act of Congress approved March 3, 1873, I have the honor to submit the following report :

THE SUPREME COURT OF THE UNITED STATES.

At the October term, 1875, of the Supreme Court, there were argued and decided forty-six cases in which the United States had an interest. In twenty-seven of these, judgments in favor of the United States or its agents were affirmed, and in nine, judgments against the United States were affirmed. In eight cases, judgments, obtained in the lower courts adversely to the Government were reversed, and in two, judgments favorable to the United States were reversed. Where several cases depending upon the same facts were submitted upon one argument, (*e. g.*, the "Hot Springs cases," &c.,) they have been counted as one in the above enumeration, though in the discussion of them some attention had to be given to circumstances which distinguished particular cases.

The number of United States cases upon the docket of the Supreme Court at the commencement of the October term, 1876, was ninety-two; of which fourteen have been submitted prior to the making of this report. In six of these causes, presented at the current term, decisions have been rendered; three affirming judgments in favor of the Government, one affirming an adverse judgment, and two reversing adverse judgments in the court below.

THE COURT OF CLAIMS.

The defense of the United States against claims in this court is conducted by an assistant attorney-general, with assistant counsel.

For this service the appropriation for the fiscal year ending June 30, 1876, was \$50,000, of which there was expended \$32,091.63, as follows :

For salaries of assistant counsel and clerical and other service in the Department	\$16,770 00
For salaries and expenses of special agents in certain cases	3,260 04
For fees of commissioners, witnesses, local counsel, and miscellaneous expenses	12,061 59

The following summary will indicate the nature of the service rendered:

CLAIMS FOR PROCEEDS OF CAPTURED AND ABANDONED PROPERTY.

The greater part of these claims (not barred by statute) were ascertained by judgments in former years, and the recoveries of claimants therein in the Court of Claims were as follows:

1867.....	\$131,450 85	1873.....	3,130,395 7
1868.....	551,827 22	1874.....	1,766,361 9
1869.....	752,395 70	1875.....	1,353,750 5
1870.....	468,873 21	1876.....	9,708 81
1871.....	1,134,630 03		
1872.....	2,231,453 00	Total.....	11,530,939 9

During the past year twenty-eight suits of this class, claiming in the aggregate \$1,526,752.95, were brought to trial. Of these, twenty-three claims, aggregating \$1,176,832, were remanded by the court for further proceedings. In two cases, claiming \$328,750, there was judgment for the defendants; and in three cases, claiming \$21,170.95, judgment for the claimants for the aggregate amount of \$9,708.81.

Most of the pending suits of this class were brought after the time limited by statute, and involve claims in the aggregate of upward of \$12,000,000.

MISCELLANEOUS CLAIMS.

Of these, fifty-eight suits, claiming in the aggregate \$1,622,466.46, were brought to trial. Eighteen cases, claiming \$72,799.57, were remanded for further proceedings, or held under advisement. In nineteen cases, claiming \$1,488,190.54, judgment was for defendants. In twenty-two cases, claiming \$61,476.35, judgment was for claimants for the aggregate amount of \$45,786.41.

Whole number of cases tried.....	
Amount claimed.....	\$3,149,219 4
Cases remanded and reserved.....	
Amount claimed.....	\$1,249,631 5
Cases decided for defendants.....	
Amount claimed.....	\$1,816,940 5
Cases decided for claimants.....	
Amount claimed.....	\$32,657 2
Judgments rendered therein.....	\$55,485 2

The court also rendered judgment during the year in certain cases (tried at December term, 1874, and continued under advisement) as follows:

For defendants in 4 cases, claiming.....	\$664,760 7
For claimants in 1 case, claiming.....	83 117 5
But in which judgment was rendered for.....	32,502 5

Final judgment was also entered for \$1,031,000 for the claimants, at the mandate of the Supreme Court, in the suit of Marshall O. Roberts *et al.*, determined on appeal during the last term by said court.

Of the cases apparently pending, no action had been taken by the claimants in very many for a long time, and a motion was made by the Assistant Attorney-General, under the 34th rule of the court, to dismiss them for want of prosecution. It included 2,196 suits; and on the hearing the motion was granted in 1,190 cases. There were also 1,217 cases dismissed on filing consent of claimants. The aggregate of claims thus disposed of was \$13,138,686.42. The record of suits determined during the year in all ways, and not heretofore reported, appears to be as follows:

In judgment for claimants, 27 suits, recovery.....	\$1, 152, 150 11
In judgment for defendants, 2,432 suits, claiming.....	15, 560, 307 73

The estimate of my predecessor of the amount required for defense of the United States in the Court of Claims for the fiscal year ending June 30, 1877, was \$30,000. Congress, however, appropriated but \$25,000 for this purpose. Of the amount so appropriated there has been expended to this date the sum of \$15,000.

TERRITORIAL PRISONS AND PENITENTIARIES.

I desire to repeat the suggestion of my predecessor that Congress take action in the matter of providing penitentiaries in the Territories where there are none, and repairing and adding to those in other Territories where the buildings are insecure and insufficient. The expense of transporting United States convicts from the Territories of New Mexico and Arizona to penitentiaries in the States is very great, and on the score of economy it is desirable that provision should be made in those Territories for the punishment of criminals sentenced therein.

The penitentiary in Utah, which belongs to the United States, is in such a dilapidated and wretched condition as to necessitate a large monthly expense for extra guards to prevent the escape of the prisoners. Because of the unfitness and insecurity of this prison, United States convicts sentenced to imprisonment for a term of years are sent elsewhere; but territorial prisoners (for the reason that the Territory does not provide for the punishment of its criminals) are placed in this prison. It is in charge of the United States marshal. These prisoners must be guarded by him at great expense to the Government, as stated above. It is very clear that the prison building should be reconstructed and put in thorough repair, or its use as a place for the punishment of convicts be abandoned.

OFFICERS OF THE COURTS IN THE DISTRICT OF COLUMBIA.

I recommend that the district attorney of the District of Columbia, who is paid out of the judiciary fund, should be required by law to make his report to this Department, as all other United States district attorneys are required to do; and that a like provision be made for the clerks of the United States courts in the District of Columbia.

INCREASE OF FORCE IN THE DEPARTMENT OF JUSTICE.

The duties devolving upon this Department, which are numerous, responsible, and rapidly increasing, now require an increase of force. I recommend, therefore, that section 348 of the Revised Statutes be amended so as to provide for four Assistant Attorneys-General in place of the three now provided for in that section, at a salary of \$5,000 each, to take effect immediately. The business of the office unquestionably requires it. I also recommend some addition to the clerical force of the office.

LIBRARY OF THE DEPARTMENT OF JUSTICE.

I also recommend an increased appropriation for the purchase of books for the library of this Department. It is of the first importance that the best means of investigating all the numerous and various questions of law which arise in this Department should be complete. A

failure to make provision for this is the worst possible economy. All the statutes of every State, both the annual acts and the revisions, ought to be procured as soon as practicable. At present, the library contains but a small portion of them. The cost of supplying this deficiency would be considerable, say \$——.

It is almost equally important that this library contain every valuable treatise on any legal subject, in its latest edition. The expense of purchasing new editions would be far more than compensated by the assistance to be derived from the last investigations of the authors. Every new treatise is virtually a fresh brief on every topic upon which it treats, and its new references furnish a ready way of arriving at the present state of the law. The library of this Department is defective in this particular. It would be expedient to accompany the appropriations for this important purpose with authority to dispose of such old editions as the Attorney-General should think could be spared. It is impossible to overestimate the importance of a complete law-library for the Department of Justice, and I therefore hope that this recommendation may be regarded with favor.

The appropriation for the increase of the library for the next year should be \$5,000.

CIRCUIT AND DISTRICT COURTS OF THE UNITED STATES.

Exhibits A, B, and C show the business of the circuit and district courts of the United States in the several judicial districts during the last fiscal year.

Exhibit A is a statement of the civil suits to which the United States was a party, showing the number terminated during the year, the amount of judgments in favor of the United States, the amount realized therefrom, and the number of such suits pending at the beginning of the present fiscal year.

Exhibit B is a statement of the criminal prosecutions, showing the number terminated, the amount of fines, penalties, and forfeitures, the amount realized therefrom, and the number of such prosecutions pending at the close of the year; and Exhibit C shows the number of civil suits to which the United States was not a party, commenced and terminated during the year, the amount of judgments for plaintiffs and defendants, and the number of such suits pending July 1, 1876.

The returns for Exhibit C are not full and complete, as the United States attorneys, who were called upon for the information required for them, in some instances failed to obtain it from the clerks of the courts.

APPROPRIATIONS.

A general statement of appropriations placed under the Department of Justice for the fiscal year ending June 30, 1876:

Salaries, Department of Justice:	
Appropriation, act March 3, 1875	\$108,820 00
Amount expended to July 1, 1876	105,147 55
Balance	<u>3,672 45</u>
Rent of building, Department of Justice:	
Amount appropriated, act March 3, 1875	14,000 00
Amount expended to July 1, 1876	<u>14,000 00</u>

Contingent expenses :

Amount appropriated, act March 3, 1875	\$15,500 00
Amount expended as per exhibit	15,112 03
Balance, (see Exhibit D)	<u>387 97</u>

Postage :

Amount appropriated, act March 3, 1875	10,000 00
Amount expended to July 1, 1876	1,525 00
Balance	<u>8,475 00</u>

Salary of warden of the jail, District of Columbia :

Amount appropriated, act March 3, 1875	2,000 00
Amount expended to July 1, 1876	2,000 00

Salaries and expenses of commissioners to codify the laws :

Amount appropriated, act March 3, 1875	3,300 00
Amount expended to July 1, 1876	3,300 00

Salaries and expenses of Metropolitan police :

Amount appropriated, act March 3, 1875	205,270 00
Amount expended to July 1, 1876	205,270 00

Current expenses, Reform School, District of Columbia :

Amount appropriated, act March 3, 1875	10,000 00
Amount expended to July 1, 1876	10,000 00

Defending suits and claims for seizure of captured and abandoned property :

Amount appropriated, act March 3, 1875	50,000 00
Amount expended to July 1, 1876	31,879 20
Balance	<u>18,120 80</u>

Prosecution and collection of claims :

Amount appropriated, act March 3, 1875	5,000 00
Amount expended to July 1, 1876	2,600 00
Balance	<u>2,400 00</u>

Defending claims under convention with Mexico :

Amount appropriated, act March 3, 1875	5,000 00
Balance	<u>5,000 00</u>

Punishing violations of intercourse acts and frauds :

Amount appropriated, act March 3, 1875	8,000 00
Amount expended to July 1, 1876	3,264 02
Balance	<u>4,735 98</u>

Penitentiary building at Deer Lodge, Montana Territory :

Amount appropriated, act March 3, 1875	1,200 00
Amount expended to July 1, 1876	1,197 75
Balance	<u>2 25</u>

Court-house, Washington, D. C.:

Amount appropriated, act March 3, 1875	3,000 00
Amount expended to July 1, 1876	3,000 00

Expenses of United States courts:	
Amount appropriated, act March 3, 1875.....	\$3,000,000 00
Repayments reported from the Treasury Department	13,153 33
Total	3,013,153 33
Amount expended to July 1, 1876.....	2,889,708 37
Balance.....	173,444 96
Support of convicts :	
Amount appropriated, act March 3, 1875.....	8,000 00
Amount expended to July 1, 1876.....	6,051 31
Balance	1,948 69
Legislative expenses Territory of Utah :	
Amount appropriated, act March 3, 1875.....	23,400 00
Amount expended to July 1, 1876	18,796 91
Balance.....	4,604 09
Prosecution of crimes:	
Amount appropriated, act March 3, 1875.....	25,000 00
Amount expended to July 1, 1876.....	20,220 86
Balance.....	4,779 15
For preservation and repairs of the United States court-house in Washington City:	
Amount appropriated act March 3, 1875	\$3,000 00
Amount expended for material.....	\$312 37
Amount expended for labor.....	73 62
Amount expended for paving.....	1,075 27
Amount expended for plumbing	316 13
Amount expended for grates.....	125 25
Amount expended for plastering	267 50
Certificate of deposit with United States Treasurer.....	29 86
	3,000 00

Exhibit E shows the assistants to United States attorneys, and their compensation.

Exhibit F is a detailed statement of the expenses of the courts of the United States.

I. The amount advanced to marshals for per diems and travel of jurors and witnesses; per diems of marshals and bailiffs; transportation and support of prisoners; territorial penitentiaries under the management of the Attorney-General; expenses of commissioners' courts and incidental expenses, was \$2,237,892.13.

II. Payments made for services of attorneys, as fees of their offices, the compensation of their assistants, regular and special, commissioned by the Attorney-General, embracing all fees for legal services that were paid, were \$297,811.85.

III. The emoluments of clerks of the courts, paid by the Treasury on stated accounts, were \$92,346.03.

IV. The per diems and fees of United States commissioners were \$67,931.49.

V. The sum paid for leases of court-rooms where the Government owns no buildings, being rooms for juries, witnesses, judges' chambers, and temporary jails, was \$52,137.90.

VI. Miscellaneous expenses that cannot be properly classed under previous heads of this statement, such as expenses of United States jail in this District, &c., were \$91,588.97.

Exhibit G is the report of the warden of the United States jail in this District for the year ending October 31, 1876.

The efficiency of the warden's management of this institution is creditable, and I am disposed to add my recommendation to the changes he proposes for the reformation of criminals.

Exhibit H is a statement of the receipt and distribution of books by this Department.

Exhibit I is the architect's report relative to the court-house in this city.

METROPOLITAN POLICE.

I respectfully call attention to the report of the president of the Metropolitan Police board, (Exhibit K,) which shows that the appropriations for the purpose are inadequate to support the present force, and that the present force itself is insufficient. It is stated in this report that the number of policemen, as compared to the population, is much less than is usual in large cities in this country or in Europe. Washington, though its population may not exceed 150,000, occupies a territory equal to Boston with a population of more than twice that number, and requires a larger number of patrolmen in proportion to its population than any of the large cities of the country.

Another proposition presented by the president of the board is, that the congressional-police station in the Capitol should be made a part of the police force of the city, and controlled by the same head.

I commend this report to the consideration of Congress.

Exhibit L contains the estimates of appropriations required by the Reform School of the District of Columbia.

This institution is a substantial charity, creditable to the Government which sustains it. It furnishes a home and a school for boys who might otherwise grow up in ignorance and vice, and perhaps in crime. It differs from other institutions of the kind in this, that it has no walls for confinement of the inmates, and relies chiefly upon the voluntary principle. The boys, conscious that they are among friends, and that they are in a way to improve their own character and condition, are in nearly every instance content to remain. They are well fed and clothed and well taught, and it is a most encouraging circumstance that they are aware of it, and choose to remain rather than depart.

But the institution needs some addition during the present year to its annual appropriations, as shown by the report of the trustees to the Department of Justice, herewith submitted.

The recommendation by the board of appropriations for the purchase of additional land for building work-shops and purchasing engines and machinery, and for providing an additional family building, are worthy of the careful consideration of Congress. The total of the items called for by the board of trustees, including salaries, is \$53,000. These appropriations would add greatly to the usefulness of the institution, and would place it on a footing to require but small appropriations hereafter for many years. I bespeak for the board of trustees a careful reading of their report and a visit to the institution by the appropriate committee.

The appropriations prayed for, though considerable, can be recommended on grounds of the most enlightened economy.

It is obvious that the practice of confining inexperienced youths, who have yielded to temptation for the first time, with old and hardened criminals, is demoralizing and cruel. It makes the jail and the peni-

tentiary schools of crime. The only escape from this absurdity is to be found in the modern schools of reform; and I can think of nothing more appropriate than that the national legislature should sustain such an institution on a liberal scale at or near the capital. To it might be intrusted the young convicts of the United States courts, whether from the District of Columbia or from the different States.

INSTRUCTIONS TO MARSHALS AND DISTRICT ATTORNEYS.

The state of the country, in anticipation of the recent presidential election, has thrown upon the National Government unusual responsibility. Evidence which could not be discredited came to the President and to the Department of Justice, showing that intimidation and violence prevailed in several States to such an extent as to prevent freedom of opinion; and that in South Carolina unlawful military companies, known as "rifle clubs," were organized, and that by riding through the country armed, doing violence to peaceable people, and menacing the good citizens who differed with them in political opinion, they broke up or prevented assemblages for political discussion. In view of the actual and prospective danger of lawless violence before and at the election, and in pursuance of the statute which requires the Attorney-General "to exercise general supervision and direction over the attorneys and marshals of all the districts in the United States as to the manner of discharging their respective duties," I communicated to the marshals in those districts which appeared to be in special danger from intimidation or fraud, instructions, of which Exhibit M is a copy, and to the United States attorneys in said districts instructions, of which Exhibit N is a copy.

I am satisfied that the United States marshals and attorneys, acting in concert with the supervisors of elections, under these instructions, in New York, in Philadelphia, in Baltimore, in St. Louis, in Chicago, in New Orleans, and in several of the Southern States, contributed materially to the preservation of the peace, and to the securing to the citizens freedom in the exercise of the right of suffrage. The interest which the United States have in the purity of the ballot for Federal officers to be elected by the popular vote, and the acts of Congress intended to guard the ballot for congressional candidates from fraud, justified and required these instructions.

Such were the demonstrations of domestic violence in South Carolina a few weeks before the election, so defiant and uncontrollable by civil power, that the governor of that State applied under the Constitution to the President of the United States, stating that he was unable to suppress the domestic violence that existed in the State; that armed organizations contrary to law, known as "rifle clubs," continually roamed over the country, doing violence, and that they were altogether beyond his control, breaking up the peace of the State and terrifying the citizens. The declaration of the governor, supported by ample evidence from other sources, left the President no option but to comply with his constitutional demand by issuing the appropriate proclamation, and by ordering to that State such military force as seemed to be necessary and was within his control. The troops were not intended to interfere, and did not interfere, with any citizen's right to vote; but, on the contrary, their endeavor was to make it safe for citizens to vote according to their political opinions. There is no authentic evidence that any man has been deprived of his right to vote, or of his freedom of opinion, by the presence of the small military force in South Carolina. To have refused

the aid sought by the governor to suppress domestic violence and insurrection, would have been a plain denial of the constitutional right of the governor and people of South Carolina.

The spirit of insurrection in South Carolina, and in some other States in which colored voters are numerous, seems to be founded upon the idea that the Fifteenth Amendment to the Constitution of the United States, prohibiting the deprivation of citizens of their right to vote "on account of race, color, or previous condition of servitude," was a blunder; and that the people of the South were not bound to recognize or submit to it. But such pretensions, in view of the history and under the present circumstances of the country, are unreasonable. The Fifteenth Amendment to the Constitution was forced upon the people of the Union by the insubordination of the then dominant voting population of the States which had been in rebellion against the Government. It became obvious that the freedom and civil rights of the colored citizens of those States could not otherwise be preserved. At the same time, with the adoption of this amendment, the political power of those States was increased to the extent of two-fifths of the colored population—in other words, by more than twenty electoral, and more than fifteen congressional votes—so that, but for the Fifteenth Amendment, the party with which those States have generally affiliated would have been in a decided minority in the late election, instead of approaching, as it did, equality with the republican vote. To allow the Southern States the increased political power implied by extending the right of suffrage to the colored population, and then to allow the exercise of that right to be prevented by intimidation or otherwise, is a perversion of the Constitution, and operates most unjustly toward the other States of the Union.

Without denying the inconvenience of having a large population of unintelligent voters, it is enough to say that the colored citizens have, under the Constitution, a clear title to the ballot, of which I know no fair or even practicable way to deprive them. It is the duty of those who are more intelligent to aid in putting into operation a system of popular education which shall reach every class in every State. Universal education of the voting people, both white and colored, is essential to the safety of our republican government. No time should be lost in furnishing ample opportunities to every American citizen, of whatever complexion, race, or condition, to acquire sufficient mental and physical training to vote and to fight with intelligence.

Very respectfully, your obedient servant,

ALPHONSO TAFT,
Attorney-General.

EXHIBIT A.—Statement showing the number of civil suits, to which the United States was a party, 1876, with the number terminated during

Districts	Civil suits to which the United States was a party, pending July 1, 1876.					Civil suits to which the United States was a party, terminated during 1876.					
	Customs suits.	Internal-revenue suits.	Post-office suits.	Miscellaneous suits.	Total.	Judgment for United States.	Judgment for defendant.	Dismissed or discontinued.	Total.	Appealed from district to circuit.	Appealed from circuit to Supreme.
Alabama, northern district	1	10	8	18	37						
Alabama, middle district	1	3	5	4	13						
Alabama, southern district	9	1	5	7	22	1			1		
Arkansas, eastern district	2	3	2	7	14						
Arkansas, western district	1	1	21	23	46	1			1		
California	26	21	9	34	90	4	1	2	7		
Connecticut	1	4	4	3	12						
Delaware	1	3	8	7	19						
Florida, northern district	7	6	10	11	34						
Florida, southern district				9	9						
Georgia, northern district		9	8	39	56						
Georgia, southern district		5	1	1	7						
Illinois, northern district	1	72	9	4	79	1			1		
Illinois, southern district		10	3	13	23						
Indiana		25	1	5	31						
Iowa		25	1	5	31						
Kansas		5	18	23	46						
Kentucky		20	1	39	60	1			1		
Louisiana	65	47	8	9	129	20	2	4	26		
Maine	7	1	4	19	31	3		2	5		
Maryland	8	1	22	31	62				1		
Massachusetts	133	125	1	291	550	1	1	27	29		
Michigan, eastern district			14	14	28	2			2		
Michigan, western district			9	7	16						
Minnesota	4	11	1	11	27			5	5		
Mississippi, northern district		4	1	7	12						
Mississippi, southern district			4	4	8						
Missouri, eastern district		3	15	18	36						
Missouri, western district		10	3	13	23						
Nebraska		3	2	4	9						
Nevada		1		1	2						
New Hampshire											
New Jersey	2	11	1	5	19	1		3	4	1	
New York, northern district	8	7	1	8	24	5		2	7		
New York, southern district	4,003	633	8	71	4,715	108	32	450	590	4	13
New York, eastern district	4	54	29	87	175	3			3		
North Carolina, eastern district	1	49	1	51	101						
North Carolina, western district		6	2	8	16						
Ohio, northern district		14	6	20	40						
Ohio, southern district		15	2	14	31						
Oregon		1	7	8	16						
Pennsylvania, eastern district	89	227	1	356	673	8	7	3	18		
Pennsylvania, western district	3	18	5	42	68						
Rhode Island		5	1	6	12						
South Carolina	1	2	37	40	80						
Tennessee, eastern district			1	4	5						
Tennessee, middle district		40	2	46	86						
Tennessee, western district		175	20	195	390						
Texas, eastern district	1	8	33	44	86						
Texas, western district	3		4	7	14			2	2		
Vermont			4	7	11			2	2		
Virginia, eastern district	2	11	7	20	30	3			3		
Virginia, western district		11		11	22						
West Virginia		15	5	20	40						
Wisconsin, eastern district		12	19	31	62						
Wisconsin, western district		4	2	6	12						
Arizona			1	1	2						
Colorado		9	19	30	58						
Dakota											
District of Columbia			50	51	101						
Idaho		1		1	2						
Montana											
New Mexico			5	2	7						
Utah											
Washington		1		1	2						
Wyoming		2		4	6						
Total of each class of cases	4,360	1,760	115	691	6,926	164	43	502	709	5	13

party, pending in the circuit and district courts of the United States on the 1st day of July, the fiscal year ending July 30, 1876.

States was a party, terminated during the fiscal year ending June 30, 1976.

Internal-revenue suits.						Post-office suits.						Miscellaneous suits.					
Judgment for United States.	Judgment for defendant.	Dismissed or discontinued.	Total.	Appealed from district to circuit.	Appealed from circuit to Supreme.	Judgment for United States.	Judgment for defendant.	Dismissed or discontinued.	Total.	Appealed from district to circuit.	Appealed from circuit to Supreme.	Judgment for United States.	Judgment for defendant.	Dismissed or discontinued.	Total.	Appealed from district to circuit.	Appealed from circuit to Supreme.
59	8	26	93			1		1	2			1			1		
17		1	18			2		1	4			12			17		
5			5									27	4		41		
16		2	18			3		1	4			2		5	17		
3			2									2		12	41		
3	2	19	26									2	2	2	6		1
3	5	1	9									1	2	2	5		
1			1					2	4			4		2	1		
		1	1									1			4		
		1	1			1			2			13		14	27		
16			16			4			2			4		4	9		
13			21			1			4			4	1	4	1		
3		8	21			1		3	1			10		12	9		
7		4	7			2		2	4			3		2	22		
	1	4	12			1		1	1			1		2	5		
						1		3	4			8	1	13	5		
6	1	1	8						1			1		1	1		1
1		3	4			3		2	5			2	1	3	1		1
												1			3		
36	2		38	1		2			2			2	7	3	19		
25		2	27		1							2		2	4		
1			1									6		6	4		
						1		1	1			2		2	2		
		2	2			3		1	4			7		11	8		
1		2	3			1			1					11	11		
34			1			4			4			5	2	9	9		
17	1	2	37									7	2	6	13	1	
		6	23			4		1	5			6	1	5	12		
		1	1			1			1			2		3	3		1
								1				1		1	1		
10	6	8	24									1		3			
5	1	13	19									13	4	10	27		
161	11	354	546	8	1	1			1			32	3	5	40		2
24		31	56									2			2		
2	1		2			3			3					1	1		
10		3	13					1	1						1		
8	1	7	16		1				1			4		1	1		
8	5	10	23	1		1		1	1			5	1	1	5		
														2	7		
59	8	45	112									19	3	8	30		2
18		16	35									6		3	9		
												2			2		
												2		3	3		1
4		1	5			2			2								
5	1	2	8			1			1			1		1	2		
104	9	62	197		2	1			1			1		1	2		1
22	6	48	136	4								14		10	24		
1	3		4	1		4			4			24	27	8	59	2	
												1	1		2		
												1	1		2		
50	138	25	213	1		1			2			1			1		
10	1		11			2	1		3			1			2		
3			3												2		
37	2	23	62		6							2			2		
		1	1			1								1	1		
		</															

EXHIBIT A.—Statement showing the number of civil suits, &c.—Continued.

Districts.	Aggregate amount, judgment for which has been in favor of United States.	Amount actually realized.
Alabama, northern district.....	\$600 00	.....
Alabama, middle district.....	1, 005 13	.....
Alabama, southern district.....	16, 213 30	\$4, 989 03
Arkansas, eastern district.....	27, 176 78	787 84
Arkansas, western district.....	12, 782 67	2, 820 42
California.....	8, 638 18	8, 486 12
Connecticut.....	2, 521 08	1, 046 37
Delaware.....	7, 445 33	7, 533 25
Florida, northern district.....	7, 677 39	.....
Florida, southern district.....	5, 000 00	.....
Georgia, northern district.....	5, 405 07	.....
Georgia, southern district.....	9, 673 11	.....
Illinois, northern district.....	680, 117 43	117 53
Illinois, southern district.....	73, 432 08	1, 637 39
Indiana.....	24, 741 44	2, 486 78
Iowa.....	1, 049 42	248 53
Kansas.....	32, 927 57	90 75
Kentucky.....	37, 083 16	.....
Louisiana.....	6, 519 93	586 00
Maine.....	4, 796 00	587 50
Maryland.....	44, 975 67	16, 461 65
Massachusetts.....	4, 366 16	2, 710 61
Michigan, eastern district.....	36, 334 26	12, 128 14
Michigan, western district.....	795 39	1, 253 17
Minnesota.....	7, 974 32	.....
Mississippi, northern district.....	4, 560 30	4, 268 28
Mississippi, southern district.....	12, 172 47	6, 061 68
Missouri, eastern district.....	509, 165 91	22, 472 04
Missouri, western district.....	69, 525 14	15, 328 51
Nebraska.....	3, 732 67	2, 629 49
Nevada.....	2, 596 25	2, 596 25
New Hampshire.....	.....	.....
New Jersey.....	11, 080 25	4, 474 69
New York, northern district.....	45, 606 64	32, 518 24
New York, southern district.....	345, 845 24	109, 497 23
New York, eastern district.....	20, 687 19	11, 349 08
North Carolina, eastern district.....	22, 070 75	5, 294 08
North Carolina, western district.....	1, 909 00	546 55
Ohio, northern district.....	58, 686 65	1, 929 47
Ohio, southern district.....	30, 125 96	5, 612 26
Oregon.....	.....	.....
Pennsylvania, eastern district.....	181, 561 42	75, 475 25
Pennsylvania, western district.....	38, 631 03	38, 631 03
Rhode Island.....	664 34	360 08
South Carolina.....	46, 573 67	121 08
Tennessee, eastern district.....	3, 415 96	5 91
Tennessee, middle district.....	22, 351 65	4, 933

EXHIBIT A.—Statement showing the number of civil suits, &c.—Continued.

Districts.	Aggregate amount, judgment for which has been in favor of United States.	Amount actually realized.
Tennessee, western district	\$19,000 00	\$6,800 00
Texas, eastern district	15,003 69	2,139 48
Texas, western district	13,806 99	4,317 84
Vermont	15,094 50	.....
Virginia, eastern district	61,233 75	1,338 06
Virginia, western district	770 60	.....
West Virginia	1,307 71	947 07
Wisconsin, eastern district	188,820 84	135,365 05
Wisconsin, western district .....	.....	.....
Arizona	2,637 63	2,172 60
Colorado	33,089 34	32,980 34
Dakota .....	.....	.....
District of Columbia	5,958 68	4,746 91
Idaho	2,885 97	.....
Montana	82 00	82 00
New Mexico	4,190 38	.....
Utah	265 00	265 00
Washington .....	.....	.....
Wyoming	19,806 00	.....
Total	2,862,261 97	600,637 08

2 D J

EXHIBIT B.—Statement showing the number of criminal cases pending in the circuit at
during the fiscal year.

Districts.	Criminal cases pending July 1, 1876.							Criminal cases							
	Customs prosecutions.	Internal-revenue prosecutions.	Post-office prosecutions.	Prosecutions under enforcement act.	Prosecutions under naturalization laws.	Prosecutions, embezzlement.	Miscellaneous prosecutions.	Total.	Customs.				Internal		
									Convictions.	Acquittals.	Nullified, discontinued, or quashed.	Total.	Convicted men.	Acquittals.	
Alabama, northern district		142		7		1	19	169						11	1
Alabama, middle district		34		5	8		1	51						12	1
Alabama, southern district	2	9					5	16	1	1		3	5	13	
Arkansas, eastern district		2												15	
Arkansas, western district		2					14	16						21	
California	2	32					9	43	1	2		3	45	2	
Connecticut		14	8				4	26						2	
Delaware		4				1		5	1			1		2	
Florida, northern district	1	3		1				5							
Florida, southern district		1						1							
Georgia, northern district		115	5	28		9	32	189						30	
Georgia, southern district		9	1	5		1	2	18			1	1		4	
Illinois, northern district		120	6				35	161						24	
Illinois, southern district		44	4				17	65						1	
Indiana		25	5				16	46						29	
Iowa		222	24			1	49	296						154	
Kansas		21	11			4	13	49						7	
Kentucky		150	1	23				174						53	
Louisiana	19	458	5	2		3	40	527						3	
Maine	8	3	4				8	23	3			3		5	
Maryland		11	1	1			9	22						1	
Massachusetts	21	123	14		4	3	57	292	12	1		13		4	
Michigan, eastern district	4	16	1				2	23	15			1	16	22	
Michigan, western district		27	3				51	81						26	
Minnesota		1	1				7	9						34	
Mississippi, northern district		175	7	5		6	7	200						2	
Mississippi, southern district							49	49						1	
Missouri, eastern district		65	1					66						1	
Missouri, western district		47	2	1		2	10	62						2	
Nebraska		35	2				45	82						45	
Nevada							1	3							
New Hampshire	2	6	2			1	9	20						1	
New Jersey	4	47	4	1			8	64		1				25	
New York, northern district	28	75	12			1	75	191	3	1	14	18		31	
New York, southern district	13	306			4		32	355	1	1	5	6		3	
New York, eastern district		53					11	64						15	
North Carolina, eastern district					1		2	2						2	
North Carolina, western district		34		1			7	357						20	
Ohio, northern district		14	1			3	8	26			1	1		2	
Ohio, southern district		13	7				19	39						6	
Oregon															
Pennsylvania, eastern district		6	9			1	23	39							
Pennsylvania, western district		167	21			4	97	289						20	
Rhode Island		10					1	11							
South Carolina		111	2	29			3	145	3	4		7		2	
Tennessee, eastern district		440	3				24	467						2	
Tennessee, middle district		339	3	2		2	29	375						5	
Tennessee, western district		143	6	10		2	23	184						4	
Texas, eastern district		92	2			2	4	101						13	
Texas, western district		785	35	7		5	52	884						174	
Vermont	1	5	1			4	1	12	1		12	13			
Virginia, eastern district	2	39		11		2	1	55	1		2	3		9	
Virginia, western district		175	4				4	182						7	
West Virginia		45	2				5	52						2	
Wisconsin, eastern district		12						12							
Wisconsin, western district		10	3				6	19							
Arizona		1					3	4							
Colorado		7	1			2	14	24						1	
Dakota															
District of Columbia			1			6	498	507							
Idaho						1	7	8							
Montana															
New Mexico		110	5				19	134						4	
Utah		2	2				46	50						1	
Washington							6	6	1			1		1	
Wyoming		1					2	3							
Total of each class of cases	107	5,331	239	142	8	71	1,543	7,441	44	10	29	93	2,510		

district courts of the United States on the 1st day of July, 1876, with the number terminated ending June 30, 1876.

terminated during the fiscal year ending June 30, 1876.

revenue.	Post-office.				Enforcement acts.				Naturalization laws.				Embezzlement.				Miscellaneous.				
Notled, discontinued, or quashed.	Total.	Convictions.	Acquittals.	Notled, discontinued, or quashed.	Total.	Convictions.	Acquittals.	Notled, discontinued, or quashed.	Total.	Convictions.	Acquittals.	Notled, discontinued, or quashed.	Total.	Convictions.	Acquittals.	Notled, discontinued, or quashed.	Total.				
6	27	1			1			34	34												
53	20		5		5			26	31												
7	21			2	2	1		7	9												
12	29	5		6	11																
2	31	3			3																
43	96	3			3																
10	12		1	1	1							2	2								
22	23	1			1			3	5												
1	2							5	5												
57	450	2			2							2	2								
3	7			1	1			14	14												
9	36	6		2	2							1	1								
12	32	6	2	2	10																
32	69	3	1	5	9																
12	186	8	1	4	13							1	1								
10	21	2		3	5								2	2							
20	75	3	2		5								2	2							
	11											2	1								
2	7												3	1							
2	11	3		2	5			1	29				1	1							
52	111	6	4	10								1	1	1	1	3					
19	71	7	1	1	9																
2	29	3	1	2	6																
	34	1		1	1																
21	59	3		4	4			4	4			2	1								
36	40	7	1	1	12								3	1							
77	107	1	1	2	2																
50	119	4		2	4																
170	215	2	3		5																
3	4			2	2																
1	27	9		2	9																
37	75	13	2	2	17																
34	37	11		3	14	1			1												
54	70	1		1	1																
15	61	5		1	6			2	2												
152	527	3		3	3	1			1												
13	39	11		2	13																
13	23	7	1	1	9																
3	11	1	1	1	3																
11	20	10	3	4	17																
9	29	2			2																
9	9			2	2																
19	156	1	2	4	7			1	1												
151	370	3		1	4																
16	115	4						1	1												
29	68	2	2		4			10	10												
63	206	2			2			1	1												
	320	4	2		6	12		1	2	3											
3	3				2																
6	18	3	1	9	13				3	3											
24	151	5	2	3	10																
19	85	2			2																
9	49																				
2	4			1	1																
		2			2																
10	24		1	1	2																
13	29		1		1																
2	2	1			1																
5	6																				
22	140	3		2	5																
		2	1		3																
2	4																				
1,497	4,750	185	38	88	311	3	35	114	152		1	2	3	15	5	14	34	877	352	523	1,752

EXHIBIT B.—Statement showing the number of criminal cases, &c.—Continued.

Districts.	Aggregate amount of fines, forfeitures, and penalties in criminal cases.	Amount realized.
Alabama, northern district.....	\$2,800 00	.....
Alabama, middle district.....	1,950 00	\$100 "
Alabama, southern district.....	2,246 05	576 "
Arkansas, eastern district.....	4,075 98	1,308 16
Arkansas, western district.....	15,068 00	321 "
California.....	6,485 00	1,368 "
Connecticut.....	189 80	14 "
Delaware.....	1,570 00	56 "
Florida, northern district.....	3,915 54	378 5
Florida, southern district.....	.....	.....
Georgia, northern district.....	46,887 00	151 "
Georgia, southern district.....	245 00	45 "
Illinois, northern district.....	23,234 00	454 "
Illinois, southern district.....	7,900 00	1,295 "
Indiana.....	8,475 00	256 "
Iowa.....	4,319 00	2,176 "
Kansas.....	3,371 00	.....
Kentucky.....	10,753 95	3,426 "
Louisiana.....	12,200 00	6,004 "
Maine.....	2,542 00	42 "
Maryland.....	3,440 00	688 "
Massachusetts.....	8,303 00	5,179 "
Michigan, eastern district.....	1,840 00	1,246 "
Michigan, western district.....	2,193 07	.....
Minnesota.....	3,970 45	732 "
Mississippi, northern district.....	6,098 64	2,677 "
Mississippi, southern district.....	4,377 50	1,415 "
Missouri, eastern district.....	42,697 00	3,732 "
Missouri, western district.....	48,126 75	11,554 "
Nebraska.....	635 00	379 "
Nevada.....	100 00	166 "
New Hampshire.....	.....	.....
New Jersey.....	4,640 00	538 "
New York, northern district.....	11,973 34	.....
New York, southern district.....	5,107 00	4,168 "
New York, eastern district.....	4,255 00	.....
North Carolina, eastern district.....	10,339 00	286 "
North Carolina, western district.....	37,351 14	3,734 "
Ohio, northern district.....	2,730 00	1,265 "
Ohio, southern district.....	4,199 00	1,688 "
Oregon.....	5,491 62	2,225 "
Pennsylvania, eastern district.....	1,469 00	57 "
Pennsylvania, western district.....	7,376 25	673 "
Rhode Island.....	553 50	552 "
South Carolina.....	15,960 61	237 "
Tennessee, eastern district.....	17,692 26	2,712 "

EXHIBIT B.—Statement showing the number of criminal cases, &c.—Continued.

Districts.	Aggregate amount of fines, forfeitures, and penalties in criminal cases.	Amount realized.
Tennessee, middle district	\$10,892 21	\$1,509 48
Tennessee, western district	1,100 00	600 00
Texas, eastern district	2,991 90	1,330 00
Texas, western district	17,300 00	11,500 00
Vermont		
Virginia, eastern district	301 84	
Virginia, western district	12,990 00	1,419 66
West Virginia	3,654 00	
Wisconsin, eastern district	67,310 23	8,799 65
Wisconsin, western district	4,279 84	3,879 84
Arizona	9,791 59	
Colorado	106 10	
Dakota	390 00	80 00
District of Columbia	2,253 00	1,548 50
Idaho	15,093 02	
Montana		
New Mexico	1,725 00	
Utah		
Washington	3,450 00	1,795 98
Wyoming	600 00	100 00
Total	562,664 18	97,003 44

	37	3	39	9	14	23					13	2	15
New Jersey.....													
New York, northern district*.....	955	454	709	39	1	55	95	65	19	2	80	368	515
New York, southern district.....	553	52	605			222	252	30	5	25	25	150	810
North Carolina, eastern district.....		27	27					30	5	35	35	74	74
North Carolina, western district.....		49	49					35	13	38	38	62	62
Ohio, northern district.....	115	351	466	92	32		84	134	133	267	46	443	469
Ohio, southern district*.....													
Oregon.....	11	81	92	5	5		10	5	13		18	63	64
Pennsylvania, eastern district.....	137	269	406	31	10	47	98	83	8	35	132	590	732
Pennsylvania, western district.....	18	4	52	15	1		16	7	5	1	14		14
Rhode Island.....	2	30	32	37		1	38	47	1	28	40	115	139
South Carolina.....	15	108	123	6		1	7		5	53	8	95	103
Tennessee, eastern district.....	3	26	29					8	6	14	3	65	68
Tennessee, middle district.....		67	67					36	11	47		94	94
Tennessee, western district.....	21	173	194	4	23		27	85	39	134	67	266	333
Texas, eastern district.....	28	51	79	12	9		21	39	22	61	30	103	133
Texas, western district*.....													
Vermont.....	7	57	64			7	7	22	21	21	64	83	83
Virginia, eastern district.....	29	105	134	30	2	3	25	20	10	30	60	150	150
Virginia, western district.....		61	61					28	37	6	71	111	111
West Virginia.....	6	40	46	6	1		7	40	16		7	283	300
Wisconsin, eastern district.....	29	115	144	24	2		26	40	5	34	79	252	274
Wisconsin, western district.....	1	142	143					63	3	42	108	142	142
Arizona.....													
Colorado.....													
Dakota.....													
District of Columbia.....													
Idaho.....													
Montana.....													
New Mexico.....													
Utah.....													
Washington.....													
Wyoming.....													
Total of each class of cases.....	2,756	8,680	11,366	940	203	645	1,788	2,663	928	2,307	5,692	11,994	14,397

* No report received.

EXHIBIT C.—Statement showing the number of civil suits, to which the United States was not a party, commenced and terminated, &c.—Continued.

Districts.	Amount of judgments for plaintiffs.			Amount of judgments for defendants.		
	Admiralty.	Other suits.	Total.	Admiralty.	Other suits.	Total.
Alabama, northern.....		\$2,371 90	\$2,371 90			
Alabama, middle.....		151,093 32	151,093 32		\$6,218 15	\$6,218 15
Alabama, southern.....		33,267 56	33,267 56		968 52	1,048 62
Arkansas, eastern.....	\$3,844 90	196,670 16	197,470 16	\$62 30		
Arkansas, western.....	600 00	31,628 08	31,628 08			
California.....	41,559 04	20,809 08	72,359 12	5,661 00	4,678 03	10,549 03
Connecticut.....	4,197 05	56,054 63	62,251 68			
Delaware.....	2,772 00	37,417 01	40,189 01			
Florida, northern.....		3,410 10	3,410 10			
Florida, southern.....	50,008 06	4,839,772 38	4,839,772 38	40 30		40 30
Georgia, northern.....		43,500 00	43,500 00			
Georgia, southern.....	15,637 68	13,725,043 99	13,735,601 18		19,883 20	19,953 20
Illinois, northern.....	50,557 19	6,379,685 29	6,385,814 27			
Illinois, southern.....	6,138 96	807,818 53	810,575 93			
Indiana.....	2,757 00	11,329,435 41	11,329,435 41			
Iowa.....		332,645 27	332,645 27			
Kansas.....		41,850 74	41,850 74			
Kentucky.....	7,263 93	20,376 80	27,640 73			
Louisiana.....	12,912 76	22,121 00	35,033 76	97 90		
Maine.....	30,711 57	77,778 72	108,490 29			
Maryland.....	53,090 19	49,136 35	102,226 54			
Massachusetts.....	69,036 18	5,444,168 22	5,513,198 40	174 46	4,761 45	4,935 91
Michigan, eastern.....	5,822 28	381,959 12	387,781 40			
Michigan, western.....						
Minnesota.....		234,790 95	234,790 95			
Mississippi, northern.....		25,477 43	25,477 43			
Mississippi, southern.....	10,224 01	145,409 99	166,733 98			
Missouri, eastern.....	21,343 99	239,345 70	259,345 70			
Missouri, western.....		5,502,811 00	5,502,811 00			
Nebraska.....		36,000 00	36,000 00			
Nevada.....		827 46	827 46			
New Hampshire.....						
New Jersey.....						
New York, northern.....						
New York, southern.....		111,678 46	140,531 37	1,156 09	94,568 94	95,725 03
North Carolina, eastern.....	24,653 49	41,940 07	972,300 80	1,499 50		1,499 50
North Carolina, western.....	250,928 32	41,238 59	41,996 59		70 57	70 57
Ohio, northern.....		22,304 99	22,304 99		583 86	583 86
Ohio, southern.....		17,058 19	165,385 46			
Oregon.....	17,307 27					
Pennsylvania, western.....		91,045 00	94,146 01			
Pennsylvania, eastern.....	71,917 15	20,430 03	157,047 76			

Pennsylvania, western.....	16,341 89	94,555 00	16,341 89	.....	663 71	663 71
Rhode Island.....	40,991 09	103,077 65	65,546 09	.....	31 60	31 60
South Carolina.....	13,368 42	48,733 79	115,446 07	.....	308 53	308 53
Tennessee, eastern.....	.....	41,700 74	48,733 79	.....	18,044 83	18,044 83
Tennessee, middle.....	47 67	361,186 54	41,748 41	.....	55,914 60	55,914 60
Tennessee, western.....	5,050 68	207,003 06	866,837 23	.....	71,330 00	71,330 00
Texas, eastern.....	17,067 72	.....	824,069 78	.....	.....	.....
Texas, western*.....	.....	20,195 83	20,195 83	.....	.....	.....
Vermont.....	.....	86,532 54	115,671 87	.....	.....	.....
Virginia, eastern.....	29,139 33	108,444 41	108,444 41	.....	709 40	709 40
Virginia, western.....	.....	30,000 00	.....	.....	.....	.....
West Virginia.....	12,109 47	1,435,683 18	48,109 47	.....	195 87	195 87
Wisconsin, eastern.....	4,423 38	317,503 62	1,440,106 56	.....	494 50	494 50
Wisconsin, western.....	.....	.....	317,503 62	.....	.....	.....
Arizona.....	.....	.....	.....	.....	.....	.....
Colorado.....	.....	.....	.....	.....	.....	.....
Dakota.....	.....	.....	.....	.....	.....	.....
District of Columbia.....	.....	.....	.....	.....	.....	.....
Idaho.....	.....	.....	.....	.....	.....	.....
Montana.....	.....	.....	.....	.....	.....	.....
New Mexico.....	.....	.....	.....	.....	.....	.....
Utah.....	.....	.....	.....	.....	.....	.....
Washington.....	.....	.....	.....	.....	.....	.....
Wyoming.....	.....	.....	.....	.....	.....	.....
Total.....	877,335 94	54,161,698 92	55,038,968 86	15,920 67	920,771 71	920,771 71
						326,692 38

* No report received.

EXHIBIT CC.—Abstract of bankrupt

Districts.	Cases—		Reports rendered by—				Failures to report by—				Fees, emoluments.	
	Pending July 1, 1875.	Commenced during year 1875-76.	Clerks.	Marshals.	Registrars.	Assignees.	Clerks.	Marshals.	Registrars.	Assignees.	Clerks.	Marshals.
Alabama, northern district	15	7	1	1	1	9				5	\$228 00	\$308 30
Alabama, middle district	22	6	1	1	2	12		1		6	1,915 13	265 65
Alabama, southern district	9	2	1	1	1	23				3	98 90	33 70
Arkansas, eastern district	580	30	1	1	1	396		1		3	583 00	135 60
Arkansas, western district	11	1	1	1	2	3				1	76 90	
California	856	242	1	1	2	134		1	1	19	2,862 61	2,741 60
Connecticut	85	120	1	1	4	1		*1		214	2,710 91	537 40
Delaware	224	5	1	1	1	10				128	484 55	67 10
Florida, northern district†							1					
Florida, southern district		(?)										
Georgia, northern district	293	140	1	1	4	181				107	2,340 46	685 00
Georgia, southern district	448	135	1	1	5	85				139	2,979 92	1,253 02
Illinois, northern district	460	367	1	1	6	(§)				12	8,611 45	4,492 61
Illinois, southern district	258	149	1	1	5	14				3	3,521 67	3,083 20
Indiana	374	303	1	1	9	1,662				102	6,462 28	4,703 60
Iowa	166	85	1	1	6	57			2	79	1,475 00	3,631 54
Kansas	156	39	1	1	3	96			1	88	1,793 30	2,504 90
Kentucky	658	431	3	3	7	3,134			4	51	7,793 25	291 00
Louisiana	(§)	62	1	1	2	(§)			1	45	2,553 25	291 00
Maine	257	178	1	1	3	31			1	42	1,956 95	994 77
Maryland	362	43	1	1	6	13				251	884 23	975 05
Massachusetts	4,543	1,414	1	1	9	3				28	20,852 07	599 50
Michigan, eastern district	104	29	1	1	2	40			4	28	1,452 78	
Michigan, western district†							1					
Minnesota	169	57	1	1	2	56				61	1,439 70	512 00
Mississippi, northern district	106	153	1	1	2	111				16	2,216 77	415 10
Mississippi, southern district	540	27	1	1	1	16			1		685 65	
Missouri, eastern district	281	123	1	1	2	912				63	6,298 85	1,131 63
Missouri, western district	149	33	1	1	3	467					2,430 64	592 75
Nebraska	44	10	1	1	1	7			1	13	782 56	
Nevada	23	24	1	1	1	10	(||)	1	(§)	(§)	2,925 31	945 00
New Hampshire	74	90	1	1	2	34			2	86	5,894 87	1,813 66
New Jersey	272	(§)	1	1	3	94				663	7,432 56	2,013 70
New York, northern district	1,743	345	1	1	18	501			2	66	2,691 09	521 50
New York, southern district	2,158	376	1	1	10	93				114	470 37	983 21
New York, eastern district	520	105	1	1	2	70			1	10	1,567 20	1,045 53
North Carolina, eastern dist.	437	38	2	2	2	10				7	1,094 70	1,366 35
North Carolina, western dist.	51	35	3	2	2	61			6	154	2,235 74	275 20
Ohio, northern district	317	12	1	1	2	45				9	3,144 30	
Ohio, southern district	352	86	1	1	5	45				1	4,666 77	4,497 00
Oregon	17	16	1	1	1	79				1	1,062 57	160 70
Pennsylvania, eastern district	97	79	1	1	7	79			1	300	1,063 22	30 74
Pennsylvania, western district	698	346	1	1	11	253				5	1,499 63	400 00
Rhode Island	48	20	1	1	1	36				3	1,370 00	354 34
South Carolina	(§)	50	1	1	3	9				30	706 71	107 10
Tennessee, eastern district	25	12	1	1	1	11			2	10	2,634 37	1,744 00
Tennessee, middle district	20	86	1	1	3	88				4	1,832 03	1,735 73
Tennessee, western district	319	61	1	1	1	26				46	6,436 85	66 30
Texas, eastern district	532	10	1	1	1	26			1	6	1,717 39	66 30
Texas, western district	238	32	2	2	2	186			2	60	2,136 60	1,394 10
Vermont			1	1	1	402					2,851 37	626 20
Virginia, eastern district	4,914	115	2	1	4	102						
Virginia, western district	1,091	20	4	2	2	392			1	6		
West Virginia	49	30	1	1	3	77			2	4		
Wisconsin, eastern district	104	83	1	1	2	38						
Wisconsin, western district	64	6	2	1	1	30			1			
Arizona†												
Colorado	4	2	1	1		2				3	34 85	57 60
Dakota†												
District of Columbia†												
Idaho†												
Montana†												
New Mexico†												
Utah†												
Washington**		1	1	1		1					70 00	168 25
Wyoming†												

* Two deputies. † No report. ‡ Clerk United States district court reports "No business."
 ¶ Clerks' reports incomplete, two clerks not reporting fees.

NOTES TO EXHIBIT CC, ON PAGES 26 AND 27.

This table is only an approximate exhibit of the bankrupt business for the year, owing partly to failures of clerks, marshals, registers, and assignees to make report, but chiefly to the incompleteness of reports from assignees. In a large number of instances assignees have made no reports at all, while in many others they seem not to have understood the requirements of the law, and have submitted reports that are either unintelligible or very defective. For these reasons the columns devoted to "Fees" and to "Assets," "Liabilities," "Receipts," "Disbursements," and "Dividends," in cases disposed of, are very far, it is manifest, from being a full and correct exhibit.

The apparently large number of "Reports of assignees" as compared with the showing in the columns of "Assets," "Liabilities," "Receipts," "Disbursements," and "Dividends," is accounted for by the fact that, while some of the clerks have reported the numbers of only annual reports received by them from assignees, others have included all annual, monthly, and special reports, without designating the respective numbers of each. This results, in some instances, in presenting a large aggregate of assignees' reports, when, in fact, the clerks had received but few annual reports; the only class which the law contemplates shall be included in the clerks' reports to this Department.

The exhibit in the column of "Dividends," in "Cases disposed of," is also incomplete and inaccurate, because many of the clerks, instead of reporting the *amounts* of the dividends, as required by the law, have reported merely the *per cent*.

Under the head of "Marshals' fees" are shown only their fees, charges, emoluments, &c., exclusive of actual disbursements.

EXHIBIT E.—Statement showing the number of assistants to the United States attorneys, their employment, and compensation.

District.	Name.	Employment.	Compensation.	Remarks.
Alabama, northern district.	L. W. Day	Regular assistant.	\$1,500 per annum	
Do.	L. E. Parsons	Special assistant, violations of enforcement act.	\$1,000	
Alabama, southern district.	J. H. Wallace	Regular assistant.	\$1,500 per annum	
Do.	L. E. Parsons	Special assistant, violations of enforcement act.	\$900 per annum	
Alabama, middle district.	George H. Patrick	Regular assistant.	Undetermined	
Alabama, northern and middle districts.	E. M. Kiele	Special assistant, prosecution of J. W. Comer et al.		
Do.	J. S. Clarke	Special assistant, prosecution of counterfeiters under arrest before United States commissioners.	do	
Arkansas, eastern district	P. C. Dooley	Regular assistant.	do	
Do.	Thomas D. N. Yonley	Special assistant, United States against Merchants' National Bank, Little Rock.	do	
Arkansas, western district.	James Brizolara	Regular assistant.	\$2,000 per annum	
California.	A. P. Van Duser	do	\$2,500 per annum	
Do.	Philip Teare	do	\$3,500 per annum	
Do.	L. D. Latimer	Special assistant, light-house sites.	Undetermined	
Do.	John W. Dwinelle	Special assistant, internal-revenue cases.	\$3,000	
Do.	John B. Howard	Special assistant, to act in certain cases.	Undetermined	
Connecticut.	W. C. Strobbridge	Regular assistant.	\$1,000 per annum	
Columbia, District of	William Birney	Special assistant, case of Miller vs the late corporation of Washington.	Undetermined	
Do.	J. M. Wilson	Special assistant, Treasury robbery.	do	
Do.	do	Special assistant, Perry robbery.	do	
Do.	A. G. Riddle	Special assistant, case of Gen. O. E. Babcock.	do	
Do.	J. J. Key	Special assistant, Attorney General, case of Collier vs. The United States.	do	
Colorado.	E. P. Jacobson	Special assistant, Las Animas land cases.	\$2,000	
Do.	do	Special assistant, case against Marc. Shaffenburg.	Undetermined	
Do.	J. W. Jenkins	do	\$2,000	
Do.	T. G. Putnam	do		
Do.	William H. Parker	Regular assistant.		
Delaware.	John C. Patterson	Special assistant, suits against J. M. Lewis, late P. M.	\$2,000 per annum	
Florida, northern district	W. G. M. Davis	Special assistant, case against H. Jenkins, Jr.	Undetermined	
Do.	do	Special assistant, Attorney-General, case of Collier vs. United States.	do	
Georgia, northern district.	George S. Thomas	Regular assistant.	\$2,000 per annum	
Georgia, (whole State)	A. T. Akerman	Special assistant, soldiers charged with murder.	\$500	
Georgia, southern district.	Andrew Sloan	Regular assistant.	\$2,000 per annum	
Illinois, northern district	John E. Burke	do	\$1,200 per annum	
Do.	Inglwel Oleson	do	\$2,250 per annum	
Do.	James St. Clair Boal	do	\$600 per annum	
Do.	Robert O'Hara	do	\$1,000 on account	
Illinois northern district	Emery A. Storrs	Special assistant, whisky cases.		
Do.	Emery A. Storrs	Special assistant, case of Jacob Rehm.		
Do.	L. H. Bouteille	Special assistant, whisky cases.	\$1,000	
Do.	B. F. Ayer	do	\$1,000	

Resignation received Mar. 24, 1878.

Services discontinued with July 28, 1878.
Do.

EXHIBIT E. — Statement showing the number of assistants to the United States attorneys, &c.—Continued.

District.	Name.	Employment.	Compensation.	Remarks.
Illinois, northern district	J. C. McKinney	Special assistant, case of Killian Bros., of Chicago, Ill.		
Do.	Wirt Dexter	Special assistant, whisky cases.	\$1,000	Services dispensed with July 28, 1876.
Illinois, southern district	Edward T. Roe	Regular assistant	\$1,500 per annum	
Indiana	Charles L. Holstein	do.	\$2,000 per annum	
Do.	Thomas M. Browne	Special assistant, whisky cases.	\$500 p'd Dec. 30, 1875	
Do.	F. W. Viehe	Special assistant, quieting title, Hall Neilson tract, Vincennes, Ind.	Undetermined	
Iowa	Charles H. Butterfield	Special assistant, Evansville property case.	Undetermined	
Do.	Lee E. Seaton	Regular assistant	\$2,500 per annum	
Do.	D. B. Henderson	Special assistant, United States vs. Rhomburg	\$4,214.80 paid	
Kansas	Thomas Ryan	Regular assistant	\$1,500 per annum	
Kentucky	W. A. Bullitt	do.	\$2,500 per annum	
Louisiana	J. W. Gurley	do.	\$2,500	
Do.	James Emmott	Special assistant, cases against Generals Sheridan, Emory, and De Trobriand.		
Do.	John H. New	Special assistant, whisky cases, also cotton cases.	\$5,000 paid	
Maryland	A. M. Rogers	Regular assistant	\$2,000 per annum	
Do.	George H. Douglass	Special assistant, to collect old judgments standing in favor of the United States.	Not exceeding 15 per cent. on the gross amounts collected prior to Jan. 1, 1874.	Resigned conditionally September 6, 1876.
Massachusetts	Prentiss Cummings	Regular assistant	\$2,500 per annum	
Do.	William A. Hayes, Jr.	do.	\$2,500 per annum	
Do.	George S. Frost	do.	\$1,500 per annum	
Do.	G. A. Somerby	Special assistant, suit against executors of Oakes Ames's estate.	Undetermined	
Do.	E. S. Mansfield	do.	do.	
Do.	E. R. Hoar	Special assistant, United States against Jordan Marsh & Co.	\$750 on account	
Michigan, eastern district	J. W. Finney	Regular assistant	\$2,500 per annum	
Do.	Henry H. Swan	do.	\$2,000 per annum	
Michigan, western district	William D. Fuller	do.	Fees	
Minnesota	James Smith	Special assistant, prosecutor of J. C. Terry and Charles C. Kelly.	Undetermined	
Do.	James J. Eagan	Special assistant, collection of old judgments.	20 per cent. of all collected.	
Mississippi, northern district	B. W. Lee	Regular assistant	\$2,000 per annum	Appointed Jan 15, 1876. Resigned.
Mississippi, southern district	J. M. McKee	do.	\$2,000 per annum	Appointed July 11, 1876, vice McKee, resigned.
Do.	Harvey B. Ware	do.	\$2,000 per annum	
Mississippi, southern district	E. E. Baldwin	Special assistant, United States vs. Fidelity S. Hunt.	\$500	Appointed April 1, 1876. Resigned August 1, 1876.
Missouri, western district	William H. Hiles	Regular assistant	\$2,000 per annum	
Do.	Charles G. B. Drummond	do.	\$2,500 per annum	
Do.	Robert G. Thompson	do.	\$1,000 per annum	
Do.	Benjamin Fennema	do.	\$2,500 per annum	

Do.....	John C. Richardson	do.....	Special assistant, whisky cases	\$1,400 per annum	Resigned April 15, 1876.
Do.....	Philemon Bliss	do.....	do.....	\$3,000 per annum	
Do.....	W. F. Peddrick	do.....	do.....	\$2,500 per annum, prior to Jan. 1, 1876.	
Do.....	J. O. Broadhead	do.....	Special assistant, cases against J. W. Wright	\$1,000 paid on acc't.	Discontinued September 8, 1876.
Do.....	Lucton Eaton	do.....	do.....	\$1,000 paid on acc't.	Discontinued December 10, 1875.
Do.....	J. B. Henderson	do.....	Special assistant, whisky cases	Undetermined	
Do.....	J. W. Noble	do.....	do.....	do.....	
Do.....	Philemon Bliss	do.....	Regular assistant	\$2,000 per annum	For three months.
Missouri, western district.	M. T. C. Williams	do.....	Special assistant, whisky cases	\$1,200 per annum	Resigned conditionally September 6, 1876.
Do.....	F. T. Ledergerber	do.....	Regular assistant	Not exceeding 15 per cent. on the gross amounts collected	
New Jersey	John J. King	do.....	Special assistant, to collect old judgments standing in favor of United States.	prior to Jan. 1, 1874.	
Do.....	George L. Douglass	do.....	do.....	\$2,500 per annum	
New York, northern district	John E. Pound	do.....	Regular assistant	\$2,000 per annum	Increased \$3,000 October 1, 1876.
Do.....	James A. Murray	do.....	do.....	\$2,000 per annum	Resigned October 31, 1876.
New York, southern district	H. E. Tremaine	do.....	do.....	\$2,500 per annum	
Do.....	Roger M. Sherman	do.....	do.....	\$2,500 per annum	
Do.....	Edmund H. Smith	do.....	do.....	\$2,500 per annum	
Do.....	Jacob J. Hoffman	do.....	do.....	\$2,000 per annum	
Do.....	Benjamin H. Foster	do.....	do.....	\$1,200 per annum	Increased \$1,500 October 1, 1876.
Do.....	Frank W. Pullman	do.....	do.....	\$1,000 per annum	Resigned July 1, 1876.
Do.....	Eugene M. Jerome	do.....	do.....	\$1,000 per annum	Resigned August 31, 1876.
Do.....	John B. Frothingham	do.....	do.....	\$1,800 per annum	Increased \$2,000 from Oct. 1, 1876.
Do.....	William T. Sly	do.....	do.....	\$1,800 per annum	Resigned February 11, 1876.
Do.....	J. N. Denel	do.....	do.....	\$200 per annum	
Do.....	George B. Morris	do.....	do.....	\$1,200 per annum	
Do.....	Albert B. Herriok	do.....	do.....	Undetermined	
Do.....	J. K. Porter	do.....	Special assistant, United States vs. James Watson Webb	do.....	
Do.....	Sidney Webster	do.....	Special assistant, case of Lawrence	\$2,500 per annum	
New York, eastern district.	George W. Hoxie	do.....	Regular assistant	Not exceeding 15 per cent. on the gross amounts collected	Resigned conditionally September 6, 1876.
Do.....	Herbert G. Hull	do.....	do.....	prior to Jan. 1, 1874.	
Do.....	George L. Douglass	do.....	Special assistant, to collect old judgments standing in favor of United States.	Undetermined	
North Carolina, eastern dist.	William H. Young	do.....	Regular assistant	\$1,500 per annum	
Do.....	A. W. Tourgee	do.....	Special assistant, preparation of cases Violation Internal-revenue laws.	\$2,000 per annum	
North Carolina, western dist.	William S. Ball	do.....	Regular assistant	\$400 per annum	
Ohio, northern district	Henry S. Sherman	do.....	do.....	\$207 for expenses	Resigned October 17, 1876.
Do.....	Frank B. Swain	do.....	do.....	Credit Mobilier.	
Ohio, southern district	A. F. Perry	do.....	Special assistant, Attorney-General, Pacific Railroad cases.	\$2,500 per annum	
Do.....	Channing Richards	do.....	Regular assistant	\$2,500 per annum	
Do.....	Richard Dyer	do.....	do.....	\$2,500 per annum	
Do.....	William Johnston	do.....	Special assistant, Newport-Cincinnati Bridge Company vs. United States.	\$2,000	
Pennsylvania, eastern district.	Henry Hazlehurst	do.....	Regular assistant	\$2,000 per annum	

REPORT OF THE ATTORNEY-GENERAL.

EXHIBIT E.—Statement showing the number of assistants to the United States attorneys, &c.—Continued.

District.	Name.	Employment.	Compensation.	Remarks.
Pennsylvania, eastern district	Hood Gilpin	Regular assistant.	\$2,000 per annum.	
Do	Henry P. Brown	do	\$1,000 per annum.	
Pennsylvania, western district	P. C. Knox	do	\$2,500 per annum.	Resigned, July 1, 1876.
Do	George C. Wilcox	do	\$1,000 per annum.	
Do	Joe S. Cook	do	\$2,500 per annum.	
South Carolina	William E. Earle	do	\$2,500 per annum.	
Do	W. Stone	do	\$2,500 per annum.	
Do	do	do	\$2,500 per annum.	
Tennessee, eastern district.	A. H. Pettibone.	do	\$2,500 per annum.	Resigned, May 1, 1876.
Do	A. T. Prosser.	do	\$2,500 per annum.	Re-appointed, September 16, 1876.
Do	A. H. Pettibone.	do	\$2,500 per annum.	Resigned, August 12, 1876.
Tennessee, middle district	D. W. Peabody.	do	\$2,000 per annum.	Vice Pettibone, resigned.
Tennessee, western district	J. R. Clough.	do	\$2,000 per annum.	Vice Prosser, resigned.
Do	D. K. McRae.	do	\$1,500 per annum.	
Texas, eastern district	Stephen Powers.	Special assistant, trial of Gibson County cases.	Not to exceed \$2,000 per annum.	
Do	James R. Burns.	Special assistant, soldiers arrested for criminal acts.	Undetermined.	
Vermont.	James S. Peck	Regular assistant.	\$1,500 per annum.	
Do	B. W. Hoxie	do	\$750 per annum.	
Do	M. D. Ball.	do	\$2,000 per annum.	
Virginia, eastern district	D. S. Lewis.	Special assistant, United States vs. Ottman et al.	Undetermined.	
Do	G. B. Caldwell.	do	\$3,000 per annum.	
Do	Samuel Rosendale.	do	\$500 per annum.	
Do	J. C. McKinney.	do	\$2,000 per annum.	
Do	Edwards P. Smith	Special assistant, whisky cases.	\$2,000 on account.	
Do	Luther S. Dixon.	Special assistant, whisky cases.	Undetermined.	
Do	E. P. Smith.	Assistant United States attorney to litigate fraudulent conveyances, &c.	Undetermined.	
Do	T. W. Spence.	Special assistant, flowerage cases.	\$187.50	Discontinued, September 5, 1876.
Do	H. M. Lewis.	Regular assistant.	\$2,500 per annum.	Discontinued, September 3, 1876.
Do	R. L. D. Potter.	Special assistant, Attorney-General, Fox and Wisconsin River improvement.	Undetermined.	
Do	Charles P. Gill.	do	\$7,500 under act March 3, 1875.	Vice Gill, resigned.
Do	Hugh Farley.	Regular assistant.		Resigned, February 8, 1876.
Do	John E. Gamble.	do		
Arizona Territory	J. A. Storell.	do		Until April 13, 1876. Appointed February 18, 1876.
Dakota Territory	John S. Gray.	Special assistant for term of court.	Not to exceed \$200 per annum.	Until May 1, 1876. Appointed January 7, 1876.
Idaho Territory	T. J. Anders.	do	Not to exceed \$1,500 per annum.	
Washington Territory			\$40 paid.	

EXHIBIT F.—Statement of expenditures made by the Department of Justice out of the appropriation of three million dollars to defray the expenses of the courts of the United States during the fiscal year ending June 30, 1876.

Districts.	I. Marshals.	II. Attorneys.	III. Clerks.	IV. Commissioners.	V. Rents.	VI. Miscellaneous.	VII. Total.
Alabama, northern district.....	\$23,221 51	\$4,512 62	\$2,351 60	\$1,489 55	\$450 00		\$36,925 28
Alabama, middle district.....	24,380 00	2,546 40	1,070 62	778 30	1,500 00		30,213 42
Alabama, southern district.....	11,370 00	2,077 40	591 40	35 10			14,096 90
Arkansas, eastern district.....	34,000 00	2,418 40	1,097 90	376 90	1,050 00	\$834 00	39,777 10
Arkansas, western district.....	137,350 00	2,928 02	2,928 02	1,723 10		1,481 00	147,042 92
California.....	47,300 00	6,096 09	3,456 50	747 85	11,000 00	534 00	69,134 44
Connecticut.....	7,649 00	1,589 00	253 60	241 95	340 00	902 64	10,875 19
Delaware.....	6,819 00	1,530 00	393 70	88 00			7,799 70
District of Columbia.....	67,335 00	16,267 04	5,973 93	24 61		1,283 32	91,123 89
District of Columbia, Supreme Court of the United States.....	26,000 00						26,000 00
District of Columbia, United States Jail.....	91,080 00	1,027 30	513 90	170 10	825 00	74,500 00	74,500 00
Florida, northern district.....	6,287 30	457 00	144 10	29 60	750 00		7,678 00
Florida, southern district.....	77,330 00	8,473 50	4,502 30	7,973 30	1,500 00		99,778 90
Georgia, northern district.....	28,860 00		357 43	508 70			29,736 12
Georgia, southern district.....	33,360 00	11,855 96	920 60	1,227 30		1,427 45	48,791 31
Illinois, northern district.....	33,865 00	1,961 40	555 00	473 30			36,853 60
Illinois, southern district.....	22,000 00	3,278 30		270 15			25,548 35
Indiana.....	69,864 00	6,585 50	2,493 85	2,634 30	725 00		84,301 55
Iowa.....	35,825 00	809 31	4,380 90	801 30	925 00	889 50	42,923 91
Kansas.....	65,300 00	5,668 40	3,033 25	1,716 10	223 25	1,503 50	77,223 25
Kentucky.....	28,000 00	2,555 00	91 15	1,910 85			32,857 00
Louisiana.....	15,815 00	527 85		720 75			17,063 60
Maine.....	27,000 00	3,930 00	1,356 23	1,306 51		696 50	34,289 24
Massachusetts.....	42,491 00	7,992 67		3,192 85			53,676 52
Michigan, eastern district.....	27,090 00	5,505 00	1,019 20	354 30			34,634 68
Michigan, western district.....	31,850 00	1,969 30	916 74	383 30	600 00	666 28	37,669 14
Minnesota.....	19,456 00	1,521 80	1,124 05	82 15			21,084 15
Mississippi, northern district.....	16,850 22	4,616 98	1,370 40	28 10	190 00		22,567 15
Mississippi, southern district.....	70,500 00	14,509 70	998 15	610 05			91,876 13
Missouri, eastern district.....	56,096 00	4,194 59	1,228 34	456 10			66,617 90
Missouri, western district.....	33,700 00	3,716 40	1,523 95	545 85	1,650 00	281 97	40,314 90
Nevada.....	8,291 00	316 60	549 10		125 00		9,155 70
New Hampshire.....	8,100 00	298 60	135 00	20 00	150 00		8,703 60
New Jersey.....	13,650 00	2,775 00	1,123 60	87 00	400 00		18,095 60
New York, northern district.....	66,000 00	11,226 50	1,093 60	7,029 15	312 50	1,845 29	84,016 04
New York, southern district.....	62,500 00	24,173 61	1,590 85	2,870 30	3,332 50	1,585 73	96,350 19
New York, eastern district.....	18,135 00	5,493 85	1,029 00	1,551 90	10,500 00		36,709 75
North Carolina, eastern district.....	27,225 00	2,896 30	521 23	667 20	1,150 00		34,424 63

EXHIBIT F.—Statement of expenditures made by the Department of Justice, &c.—Continued.

Districts.	I.		II.	III.	IV.	V.	VI.	VII.
	Marshalla.	Attorneys.	Clerks.	Commissioners.	Renta.	Miscellaneous.	Total.	
North Carolina, western district.....	\$50,000 00	\$6,108 00	\$2,922 95	\$3,196 79	.....	.....	\$62,227 74
Ohio, northern district.....	36,000 00	3,777 60	2,016 17	1,117 50	.....	.....	32,911 37
Ohio, southern district.....	33,000 00	6,708 16	2,407 15	1,588 20	.....	.....	44,739 35
Oregon.....	47,975 00	2,381 90	1,237 50	33 15	\$712 50	\$1,056 00	52,239 35	
Pennsylvania, eastern district.....	28,560 00	6,090 21	1,845 30	766 00	.....	.....	36,251 51
Pennsylvania, western district.....	50,474 00	5,375 60	1,752 68	926 50	50 00	.....	57,888 78
Rhode Island.....	6,390 00	378 00	377 40	70 00	.....	.....	7,103 40
South Carolina.....	46,837 00	8,975 80	2,065 70	4,795 80	200 00	.....	62,694 30
Tennessee, eastern district.....	50,000 00	6,643 30	4,149 39	2,337 75	.....	.....	63,130 44
Tennessee, middle district.....	34,500 00	3,794 90	1,066 98	1,350 70	1,998 00	1,074 27	43,814 15	
Tennessee, western district.....	37,500 00	4,145 00	2,551 90	1,909 85	1,575 00	.....	47,541 75
Texas, eastern district.....	26,000 00	898 00	2,139 17	46 70	1,800 00	767 52	32,751 39	
Texas, western district.....	61,990 00	1,770 60	5,051 07	2,730 25	2,062 50	280 00	73,884 42	
Vermont.....	10,000 00	748 90	207 20	.....	.....	.....	10,956 10
Virginia, eastern district.....	90,500 00	6,321 10	2,341 95	454 20	.....	.....	99,617 25
Virginia, western district.....	50,298 10	5,786 80	2,637 45	392 85	625 00	.....	61,748 20
West Virginia.....	26,305 00	2,968 50	810 40	98 55	.....	.....	30,302 45
Wisconsin, eastern district.....	45,960 00	17,095 75	732 68	21 90	.....	.....	63,830 33
Wisconsin, western district.....	15,675 00	2,490 47	259 55	299 00	.....	.....	18,654 32
Arizona.....	1,814 00	2,504 25	305 50	6 10	.....	.....	2,629 85
Colorado.....	24,300 00	5,651 00	1,310 50	332 65	2,300 00	.....	31,384 15
Dakota.....	35,096 00	2,058 00	681 54	301 78	250 00	.....	40,337 72
Idaho.....	13,536 00	1,504 00	588 90	.....	637 40	.....	15,878 90
Montana.....	18,728 00	1,192 50	360 67	79 15	.....	.....	20,937 72
New Mexico.....	43,316 00	3,963 60	1,601 34	44 10	.....	.....	49,124 04
Utah.....	12,300 00	565 00	401 00	48 95	9,700 00	.....	16,014 95
Washington.....	25,158 70	9,141 60	1,260 93	50 80	.....	.....	35,612 03
Wyoming.....	16,966 00	1,405 40	1,760 60	103 80	1,350 00	.....	20,605 80
Total.....	2,257,893 13	297,811 85	92,346 03	67,931 49	52,137 90	91,588 97	2,839,706 37	

WARDEN'S OFFICE, UNITED STATES JAIL,
Washington, D. C., October 31, 1876.

SIR: Herewith I have the honor to transmit my annual report as warden of the United States jail of the District of Columbia, for the year ending October 31, 1876.

Very respectfully,

JOHN S. CROCKER,
Warden.

Hon. ALPHONSO TAFT,
Attorney-General United States.

EXHIBIT G.

SIR: The warden of the United States jail in the District of Columbia, in conformity to law, herewith most respectfully submits his annual report for the year ending October 31, 1876.

The warden has the pleasure of stating that the new jail building, which was in process of construction at the time he submitted his last annual report, was turned over to him, in part, to be occupied by prisoners, on the 2d of December last. Although the building was not at that time entirely completed, and could not be finished in all its parts according to the original plans and designs without a further appropriation for that purpose, yet the old jail was so entirely inadequate to accommodate the number of prisoners then in custody and that would be likely to be received during the then ensuing winter, it was determined to occupy the new building at once. Accordingly a number of prisoners were transferred to the new building and set at work cleaning it up, removing the *débris*, seasoning it out, and putting it in suitable condition to be occupied. By the 18th of December the prisoners were all removed to their new quarters, where they were made comfortable, although at that time the south wing of the building only was so far completed as to be in suitable condition to be occupied for the incarceration of prisoners.

The Supervising Architect of the Treasury had a number of mechanics and laborers employed in carrying on the work when we took possession, who were soon after discharged, and under his advice and direction the warden proceeded with the work of finishing up the building by the use of prison-labor, so that now it is gratifying to be able to state it is so far completed that all of its apartments are in use. Most of the painting and plastering, a portion of the inside carpentering and masonry, and some of the mechanical and other labor on the machinery and heating and ventilating apparatus have been done by the inmates of the institution, skilled mechanics and competent workmen having been selected for the purpose from among their numbers.

Besides, a large amount of prison-labor has been employed in building roads, providing proper means of drainage, and grading the grounds connected with the prison. A sewer 22 inches in diameter and 1,242 feet in length, extending from the jail to the main channel of the Anacostia River, has also been constructed by such labor and connected with the pipes, drains, and sewers of the building and its surroundings, thus perfecting a complete system of sewerage and drainage for the entire buildings and grounds. Several temporary buildings that were used by the workmen while the jail was being constructed, which stood on the front part of the grounds, have also been removed, and such

temporary buildings as are required for the use of the jail have been built from the old material they contained.

In accomplishing the work above mentioned, and other work which was necessary to be done for the purposes of the institution, mechanical labor amounting to two thousand and fifteen days, and other labor, aggregating upward of four thousand days, have been performed, at a saving to the Government approximating \$12,000.

The new jail-building is thoroughly and substantially constructed, its outer walls of solid Seneca stone, and its inner walls of brick. Its capacity is ample, and in all probability sufficient to accommodate the requirements of this District many years to come.

It is conveniently arranged, and is perhaps one of the best heated and ventilated buildings of the kind in the country.

Its heating-apparatus, laundry, and cooking arrangements are admirable, and its entire apartments are well suited to secure the health and comfort of its inmates.

When we took possession of the new building it was entirely without furniture, and no provision had been made to furnish it. There was but little of the furniture used at the old jail that was fit for further use, and none of it was suitable for use at the new building. To supply the deficiency in this regard, some furniture has been purchased, and a large quantity, especially of cell-furniture, has been manufactured within the building by prisoners, under the supervision of a mechanic employed for that purpose. The fact that the necessities of the situation compelled us to provide furniture, including beds and cots, as above stated, will account for the increased expenditure of this year over last year for such purposes.

The jail is heated by means of a steam-heating apparatus, and the principal part of the cooking is done by steam.

There is also a steam engine connected with the laundry, and one used for forcing water to the tanks in the upper part of the building. There are four large boilers and one small one used for manufacturing steam. The heating apparatus and machinery are quite extensive and somewhat complicated, and require an engineer and assistant engineer and four firemen to take charge of them. They have been employed, and their salaries have in that regard increased the aggregate of salaries of this year over the last.

As the old jail was heated by means of stoves and furnaces and did not require the employment of either engineers or firemen, a much larger amount of fuel is also necessarily consumed for the purposes above mentioned than was required at the old jail, which has caused an increase of cost in the item of fuel.

All the other increased expenses of this year over last are accounted for by the increased number of prisoners.

A remarkable degree of good health has prevailed among the inmates.

The institution has been free from epidemic or contagious diseases, and no death has occurred among the prisoners during the year.

This is the more gratifying as the location was considered by many of our citizens as not favorable for health, and evil results from malarial and miasmatic influences were apprehended.

The excellent degree of health that has been maintained can be claimed in part from the rigid sanitary measures that have been enforced. The entire apartments have been kept clean and well ventilated. They have been washed, scrubbed, and purified by the use of disinfectants from day to day throughout the year.

The clothing and bedding have been kept in a cleanly condition. The

prisoners have been compelled to bathe frequently, and every possible effort made to prevent the generation of noxious gases and impurities within the building.

The physician to the jail has exerted himself commendably in the discharge of his duties, and to him may be accredited much that is gratifying in the sanitary condition of the inmates during the year. For information more in detail in regard to the health and condition of the inmates, your attention is respectfully called to the report of Dr. Noble Young, the jail physician, which is hereto annexed. The food furnished the prisoners has been abundant, nutritious, of wholesome quality, and suitable varieties. The supply of beds and bedding has been suitable to the condition of the inmates, and necessary clothing adapted to the season has been furnished to those who were destitute and had no means of procuring it for themselves.

The jail premises are still without inclosing-walls. The building is situated in an isolated and exposed position, outside of the population of the city, and beyond the assistance of the police authorities. Under these circumstances, the officers and guards are the sole reliance for its protection and to secure the safe-keeping of the prisoners, except such protection as the building itself affords. This has rendered it necessary to continue in employment the full force of guards heretofore authorized, and a larger number than will be required when the inclosing-walls shall be built. It has been demonstrated this year that the labor of such prisoners as we have here in jail can be made profitable; and besides that, as a reformatory measure, their employment in some kind of useful labor is an appliance of reformation and productive of salutary results. Therefore I would again suggest the propriety of providing workshops, and the necessary facilities and means for putting those that shall have been convicted and sentenced to some kind of labor that can be made remunerative, and in some measure recompense the Government for their sustenance. For the most part, they are young men and women in good health, of vigorous constitutions, and able to work.

Hard labor, although it has but few attractions for most of them, is much better for them in a moral as well as physical point of view than idleness within the walls of their cells.

Workshops and facilities for carrying on such work can be provided at little cost as soon as inclosing-walls shall be built. I would respectfully suggest that, as a means of protection and security, as well as a saving of expense in guarding the prison, such inclosing-walls should be built at an early day; and also coal-vaults and elevators in places designed by the architect. If the material were furnished, most of the labor required to build them could be done by the prisoners.

The moral and religious instruction of the inmates have been under the charge of gentlemen connected with the Young Men's Christian Association of this city, who have held religious exercises at the jail regularly every Sunday, with as favorable results as could have been reasonably anticipated; besides a delegation of Christian women have visited the prison once a week, to distribute tracts and moral and religious books, and to impress upon their minds the duty and importance of correcting their vicious habits, leading lives of rectitude, and carrying into practice moral and temperance principles.

Great good has apparently been accomplished by their efforts.

The officers and employés of the institution have performed their respective duties with fidelity and efficiency, and manifested commendable zeal in enforcing the rules governing the prison, and bringing the

institution within the line of excellent discipline; hence the warden desires to express his appreciation of their services.

The law requires the warden to transport to the penitentiary at Albany, N. Y., the prisoners sentenced by the criminal court of this District to that prison, and to the Reform School of this District such boys as may be sentenced by the courts to that institution.

In discharging that duty the warden has transported ninety-nine convicts to the Albany penitentiary, at an actual cost and expense of \$2,397.23.

Last year there were sent to said penitentiary fifty convicts, at an actual cost and expense of \$1,399.52.

He has also conveyed thirty-two boys to the Reform School of the District of Columbia during the year. Last year there were forty-one boys so conveyed to the reform school.

The annual salaries of physician, guards, engineer and assistant engineers, firemen, messenger, and cooks have amounted to \$35,152.73.

There have been expended \$1,519.21 for painting, glazing, gas-fitting, sewerage, grading roads, erecting temporary out-buildings, fences, and moving from the old jail, and \$281.28 for repairs on machinery and heating-apparatus.

The other expenditures on account of the jail during the year were as follows:

Subsistence of prisoners.....	\$17, 253 54
Medicines, delicacies for the sick, lime, and disinfectants.....	866 03
Beds, bedding, and clothing.....	4, 240 39
Fuel and lights.....	4, 821 17
Stationery, blanks, and blank-books.....	190 73
Furniture, hard, tin, and wooden ware, night-tubs, and cell-buckets.....	2, 060 35
Horse-keeping, repairs on wagon and harness, ice, and miscellaneous articles.....	921 06

The daily average number of prisoners during the year was 236. Last year the daily average was 181. The highest number of prisoners in jail on any day during the year was 295, and the lowest number was 194. Last year the highest number was 230 and the lowest number 131. The total number of prisoners in jail during the year was—males, 2,074; females, 228. Total, 2,302.

There were in jail at the close of the year, males 192, females 18. Sent to the penitentiary at Albany, N. Y., males 93, females 6.

	Males.	Females.
Sent to the Reform School, District of Columbia.....	32	.....
Pardoned by the President of the United States.....	6	.....
Released from custody during the year.....	1, 751	294

The prisoners received during the year were committed for offenses as follows:

	Males.	Females.
Murder.....	10	4
Accessory to murder.....	1	1
Rape.....	9	.....
Arson.....	2	.....
Highway robbery.....	5	.....
Robbery.....	20	.....
Larceny and burglary.....	35	.....
Grand larceny.....	153	21
Horse-stealing.....	5	.....
Forgery.....	8	2
Assault with intent to kill.....	40	1
False pretenses.....	33	.....
Bigamy.....	5	.....
Perjury.....	2	.....
Petit larceny.....	761	99

	Males.	Females.
Embezzlement	11	.....
Resisting Metropolitan-police officer	14	.....
Assault and battery	452	35
Receiving stolen goods	2	2
Child-stealing	2	.....
Being the father of illegitimate child	1	.....
Selling lottery-tickets	2	.....
Enticing boy from Reform School	1	.....
Unlawfully engaged as commercial agent	2	.....
Threats of personal violence	70	15
Selling liquor without license	11	.....
Bench-warrant	23	2
Assault	80	2
Affray	44	3
Keeping bawdy-house	4	18
Incorrigibility	19	.....
Malicious trespass	15	1
Carrying concealed weapons	4	.....
Disorderly conduct	13	.....
Contempt of court	9	4
Cruelty to animals	2	.....
Creating a nuisance	4	.....
United States witness	14	1
Keeping gambling-house	1	.....

Of those who were committed to jail, as above stated, 1,379 were tried, convicted, and sentenced for crimes classified as follows:

	Males.	Females.
Murder .....	.....	.....
Grand larceny	50	4
Highway robbery	1	.....
Burglary and larceny	15	.....
Assault and robbery	5	.....
Assault with intent to kill	2	1
Resisting Metropolitan-police officer	7	.....
Rape	4	.....
Petit larceny, second offense	3	.....
Mayhem	1	.....
Arson	1	.....
Forgery	1	.....
False pretenses	4	.....
Manslaughter	3	1
Petit larceny	550	75
Assault and battery	318	34
Threats of personal violence	76	14
Affray	35	3
Keeping bawdy-house	2	12
Assault	31	2
Destroying property	2	1
Trespass	10	.....
Embezzlement	2	.....
Keeping disorderly house	1	.....
Contempt of court	5	5
Maintaining a nuisance	4	.....
Carrying on bar-room without license	2	.....
Carrying concealed weapons	2	.....
Creating false alarm of fire	1	.....
Riot	1	.....
Cruelty to animals	2	.....
Robbing mailed letters	1	.....
Malicious mischief	1	.....
Enticing prostitution	5	1
Incorrigibility	15	.....

Very respectfully, your obedient servant,

JOHN S. CROCKER,

Warden.

Hon. ALPHONSO TAFT,
Attorney-General United States.

HOSPITAL DEPARTMENT, UNITED STATES JAIL, D. C.,
November 1, 1876.

SIR: The most interesting fact which I have to report this year is the comparative freedom from malarial diseases which we have enjoyed since our occupation of the new jail. Only ten cases have occurred among the prisoners, and six or seven among the officers of the prison, having during the whole time since December 1, 1875, when we took possession of it, about 250 to 300 prisoners. This proportion of cases is very small under ordinary circumstances during a full season in any southern climate, but when we consider the fact that this prison is surrounded by marshes bordering a slowly current stream of water, our astonishment is only commensurate with our gratification at this happy result. Many circumstances must enter into our calculations as to the causes. First, it has been an unusually healthy season as regards malarial diseases throughout the District. Our neighbors, the almshouse and workhouse, have suffered less than usual. How much have our hygienic means operated upon the result?

Every precaution has been taken; the windows on the marsh-side have been kept closed from an hour before sundown to 9 or 10 a. m. every day. The most perfect cleanliness has been preserved; the prisoners have been bathed twice weekly regularly, and their diet has been of the most wholesome kind, and served at regular hours and in healthy abundance; their bedding carefully cared for, aired, and changed. The complete ventilation of the house has aided greatly; not an odor ever arising of any kind perceptible to the most sensitive. Frequent whitewashing, scrubbing, the free use of antiseptics, careful washing of the building, and all other means used to secure sanitary results. Add to this every sign of approaching disease has been promptly met by the most efficient means. We have been assisted in a great measure by our neighbors of the almshouse in removing causes of disease. Their "potter's field" has been cleared, new graves of sufficient depth made, and efficient sewerage established on their part as well as ours. We may, I think, reasonably look to all these means as efficient causes to account for the gratifying results.

We have had many severe cases of disease of chronic character, and the usual number of diseases incident to the kind of life led by prisoners before their admission, but all have responded satisfactorily to treatment.

No death has occurred. I have been most efficiently aided in my duty by all the officers, and particularly by the guard detailed as my steward of hospital.

Very respectfully, your obedient servant,

N. YOUNG,

Physician United States Jail, D. C.

General J. S. CROCKER, *Warden.*

EXHIBIT H.

December 14, 1875. Received from Government Printer 1,000 copies of Opinions of the Attorneys-General. Distributed, 353 copies; on hand, 647 copies.

May 1, 1876. Received from the Department of the Interior 130 copies of 22d vols. of Wallace's Supreme Court Reports. Distributed, 118 copies; on hand, 12 copies.

October 2, 1876. Received from the Department of the Interior 130

copies of vol. 1st of Otto's Supreme Court Reports. Distributed, 123 copies; on hand, 7 copies.

October 18, 1876. Received from Government Printer 425 copies of Pamphlet Laws 44th Congress, 1st session, 1875-'76. Distributed, 388 copies; on hand, 37 copies.

October 31, 1876. Received from Government Printer 1,000 copies of Register of Department of Justice. Distributed, 584 copies; on hand, 416 copies.

November 13, 1876. Received from Department of the Interior 130 copies of 23d vol. of Wallace's Supreme Court Reports. Distributed, 119 copies; on hand, 11 copies.

November 25, 1876. Received from Department of Interior 130 copies of vol. 2 of Otto's Supreme Court Reports. Distributed, 122 copies; on hand, 8 copies.

This Department has also distributed since last report, December 6, 1875, the following volumes:

Four copies of 18th vol. United States Statutes.

Three copies of the Revised Statutes of United States.

Three copies of Revised Statutes District of Columbia.

One copy of 15th vol. of Wallace's Supreme Court Reports.

One copy 19th Wallace.

One copy 20th Wallace.

One copy 21st Wallace.

Four copies of 13th vol. of Opinions of Attorneys-General.

EXHIBIT I.

ARCHITECT'S OFFICE, U. S. CAPITOL,
Washington, D. C., December 30, 1876.

SIR: I have the honor to report that during the past season there have been various repairs and improvements made to the court-house in this city.

The criminal-court room has been renovated, the ceiling of which partly replastered, the walls and ceiling painted, and its ventilation improved by piercing its ceiling and placing an additional ventilating shaft on roof.

The rooms in the basement of the eastern wing have been fitted up ready for occupancy; and the register in bankruptcy, whose office has been heretofore in the upper story, has been moved into two of the rooms in this basement.

The room formerly occupied by that officer has been assigned to the recorder of deeds.

The exterior of the basement has been painted, and the water-pipes and hot-air furnaces kept in repair. I again urge that the court-rooms, at least, be heated by steam, as the present mode is not only hurtful to the health but more expensive to maintain.

An appropriation of one thousand dollars will be required to keep this building in good repair during the next fiscal year.

A considerable portion of this annual expense is occasioned by the water-pipes being so exposed in consequence of the corridor not being heated in winter that they often burst from freezing.

Yours, very respectfully,

EDWARD CLARK,
Architect U. S. Capitol.

HON. ALPHONSO TAFT,
Attorney-General, Washington, D. C.

EXHIBIT K.—*Fifteenth annual report of the board of Metropolitan Police of the District of Columbia for the year ended September 30, 1876.*

DEPARTMENT OF METROPOLITAN POLICE,
OFFICE OF THE BOARD,
Washington, November 6, 1876.

SIR: In submitting its fifteenth annual report of the condition of the police of the Metropolitan police district of the District of Columbia, agreeably with the requirements of law, which report is applicable to the year ending September 30, 1876, the board of police commissioners respectfully present the same as follows:

The maximum numerical strength of the force proper as authorized by law is two hundred and thirty-eight, including officers and men of all grades. This number, distributed as it must be over the entire District, is totally inadequate to the performance of the duties required of the force, as will be fully shown in a subsequent portion of this report.

Unfortunately, and probably unintentionally, the effect of the legislation contained in the sundry civil appropriation act of the last session of Congress has forced the board to materially reduce the force numerically, in order to keep the expenditures within the amount appropriated. This reduction of the force is resulting in increased loss of time from sickness induced by overwork and overtaxed energies on the part of the members of the force who constitute its depleted ranks.

For the salaries and other necessary expenses of the police establishment for the year ending June 30, 1876, Congress appropriated the sum of \$205,270, and further required that an additional sum, amounting to \$102,635, should be paid out of the treasury of the District of Columbia for the same purpose, making a total appropriation amounting to \$307,905 for the support of the police establishment for the year ending as already stated. The above last-named sum represents the apparent total only, however, of appropriations for police purposes. The fifteenth section of the act of Congress, organizing the present force, approved August 6, 1861, provides "that it shall be the duty of the common councils of the cities of Washington and Georgetown to provide, at the expense of said cities, respectively, all necessary accommodations within their respective limits for the station-houses required by the board of police for the accommodation of the police force, for the lodging of vagrants and disorderly persons, and for the temporary detention of persons arrested for offenses, and the same suitably to warm and light." The Revised Statutes of the United States, published in 1875, contain the requirements just cited, only modified in language to conform to our changed form of local government. These items of expenditures, including necessary outlays for the erection of new and the repair of old station-houses, would amount to an approximate average annual sum of \$25,000, which has never appeared in or been provided for by any special appropriation in the annual appropriations of Congress. Nor was there a sum for this purpose included in the appropriations for the year ending June 30, 1876. The expenditures included in this aggregate of \$25,000 have been annually made by our District authorities without special appropriation, and simply under the general requirements cited in the act organizing the force. By adding the \$25,000 to \$307,905, the apparent annual expenses of the police establishment, a grand total of \$332,905 appears as the real necessary annual expenditure for police purposes. The act of Congress making appropriations for sundry civil expenses for the year ending June 30, 1877, contains, under the head "Metropolitan police," the following: "For sala-

ries and other necessary expenses of the Metropolitan police for the District of Columbia, one hundred and fifty thousand dollars: *Provided*, That a like sum shall concurrently be paid to defray the expenses of the said Metropolitan police force out of the treasury of the District of Columbia." It will therefore be observed that but the sum of \$300,000 is specially appropriated for police expenses, against \$332,905, the sum required.

At this point it may be well to call attention to the action of the Commissioners of the District of Columbia in reference to the pay of the police and other necessary expenses of the establishment. In order that the views of said Commissioners may be correctly stated, and their position fully understood, the following communications are here presented:

A.

OFFICE OF THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,
Washington, July 10, 1870.

GENTLEMEN: Under the appropriation as proposed by Congress, and which we do not expect to be changed, the United States will pay \$150,000, and the District of Columbia will pay a like sum for the police department, including salaries and all other expenses, for the fiscal year from July 1, instant, to June 30, 1877, which will leave the District to pay, on account of salaries, \$125,570, or \$10,464 per month. No more than this sum monthly can be paid by the District government for salaries; the residue, \$24,430, will be reserved for maintenance of police stations.

You will please arrange accordingly.

Very respectfully,

W. DENNISON,
J. H. KETCHUM,
S. L. PHELPS,
Commissioners District of Columbia.

To the BOARD OF POLICE,
District of Columbia.

B.

OFFICE OF THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,
Washington, August 16, 1876.

GENTLEMEN: I am directed by the Commissioners to inform your board that, after careful consideration, they find that, after charging to the \$150,000 to be paid by the District of Columbia to defray the expenses of the Metropolitan Police force during the current fiscal year, provided for by the "Act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and seventy-seven, and for other purposes," approved July 31, 1876, the following items, to wit: the amount paid on account of the board since the 1st July, the rentals, fuel, and estimated repairs of station-houses during the current fiscal year, there is a balance left of \$142,681.90, which they have ordered to be paid to your board in twelve equal monthly installments of \$11,890.16 each, for the payment of all salaries and other expenses of your board during the current fiscal year, not including the foregoing items for which said reservations are made; and which monthly payments will be made on the proper requisition of your board in favor of your treasurer, receipted by him.

You will understand that no other payments than the foregoing will be made to your board on any account, as the said \$150,000 is the full sum which the Commissioners are authorized to expend on account of your board, including all salaries and all other expenses.

Very respectfully,

WM. TINDALL, *Secretary.*

To the BOARD OF POLICE.

Referring to the letter of July 10, it will be observed that it is assumed that a sum amounting to \$24,430 is necessary to defray the expenses required of the District by section 15 of the act of August 6, 1861. The expenses included in this sum have never been, as before stated, included in the District's quota of police expenses provided in

annual appropriations by Congress, but have been paid by the District, under the general requirements of the section and act above named. There remains, therefore, but \$125,570 to pay the District's portion of the salaries and necessary expenses of the police organization ; and by including the \$150,000 appropriated by Congress out of the Treasury of the United States, an aggregate amounting to \$275,570 only is reached with which to meet the necessary sum of \$332,905 to cover police expenditures for the year. In this last aggregate, however, is included the sum of \$6,970 for the erection of new station-houses and the repair of those now in use.

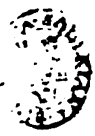
The following tabulated estimates, with a reference to the laws authorizing the same, will show appropriations required annually for the police service, as at present established, and in accordance with which Congress has heretofore made appropriations and provisions.

General object.	Detailed object of expenditure and explanations.	Date of vote and appropriation authorizing or providing for the expenditure.	References to Statutes, (Litt. & Co.)			Estimated amount which will be required for each detailed object of expense by the United States.	Date of vote and references to laws requiring the District of Columbia to pay part.	Amounts to be paid by District of Columbia under acts general and local.	Total amounts required for the support and maintenance of the Metropolitan police.
			Vol.	Page.	Sec.				
Salaries.....	Five commissioners, at \$350 per annum each.....	Aug. 6, 1861	12	325	329	\$1,250	Revised Statutes, 367.	\$925	
Do.....	One treasurer.....	Aug. 6, 1861	12	325	332	600	do	300	
Do.....	One secretary.....	Aug. 6, 1861	12	331	4	1,200	do	600	
Do.....	One property clerk.....	July 16, 1862	12	579	1	1,200	do	600	
Do.....	Two clerks, at \$1,000 each.....	July 16, 1862	12	579	1	2,000	do	1,000	
Do.....	One clerk, at \$1,000.....	Appropriated	13	459	(*)	2,000	do	500	
Do.....	Three surgeons, at \$300 each.....	Dec. 30, 1866	14	212	1	1,000	do	450	
Do.....	Two telegraph operators, at \$10 per week each.....	July 16, 1862	12	579	9	900	do	450	
Do.....	Two laborers, at \$60 and \$35 per month respectively.....	July 23, 1866	14	506	1	1,040	do	570	
Do.....	Attorney, (appropriated).....	Aug. 6, 1861	12	336	28	1,140	do	570	
Do.....	One major, as superintendent.....	Aug. 6, 1861	12	336	(f)	500	do		
Do.....	One captain, as inspector.....	July 23, 1866	14	212	1	1,740	do	870	
Do.....	Ten lieutenants.....	Dec. 30, 1866	14	374	1	1,200	do	600	
Do.....	Twenty sergeants.....	Aug. 6, 1861	12	335	366	8,400	do	4,200	
Do.....	Two hundred privates.....	July 23, 1866	14	213	1	15,600	do	7,800	
Do.....	Six detectives.....	Dec. 30, 1866	14	374	1	144,000	do	72,000	
Do.....	Eight laborers, one at each station.....	July 16, 1862	12	561	8	6,480	do	3,240	
Do.....	Total salaries.....	Necessary expenses \$20 per month each.	14	331	6	1,900	Council of Washington, April 23, and legislative assembly, D. C., Aug. 18, 1871.	98,335	\$298,405
						190,170			

* Constructive necessity.

* Necessity.

General object.	Detailed object of expenditure and explanations.	Date of acts and appropriations authorizing or providing for the expenditures.	References to Statutes at Large, (Lit. Co.)		References to Revised Statutes relating to District of Columbia.	Estimated amount which will be required for each detailed object of expense by the United States.	Date of acts and references to laws requiring the District of Columbia to pay part.	Amounts to be paid by District of Columbia under acts general and local.	Total amounts required for the support and maintenance of the Metropolitan police.		
			Vol.	Page.						Sec.	Sec.
Contingent or necessary expenses.	Mounting 21 men, at \$30 per month each Shields, belts, buttons, batons, &c Conveyance of prisoners Rent of building for central office. Supervision and repairs of telegraph, &c Miscellaneous expenses, repairs of prison van, &c Fuel, gas, stationery, furniture, &c. Total General deduction from contingencies Respective total necessary appropriations Aggregate total necessary appropriations	Aug. 6, 1861. Opinion Attorney-General Sept. 27, 1861.	12	321	5	\$7,560	Commissioners District of Columbia, estimate of expenses of station-house, &c.	94,430			
		do								1,000	
		Contract by board of police.				1,300					
		do					2,144				
		do					2,000				
		do					800				
		do					2,356				
		do					17,060				
		do					1,960				
		do					15,100				
								205,270		120,605	325,835



From the above it will be observed that the sum of \$325,935 is actually necessary to cover annual expenses, without allowing anything for repairs and the building of new station-houses, which are needed in several precincts. It has been shown that to meet this amount but \$275,570 are available under the appropriations by Congress for the current year. If, therefore, the police establishment were kept up to the standard of previous years, a deficiency would necessarily arise amounting to \$50,365. In order to avoid a deficiency in the appropriation, the board has curtailed its expenditures by reducing the numerical strength of the force, by dismounting fifteen men, by omitting needed repairs to station-houses, and by avoiding all expenditures at station-houses for rendering the men comfortable and contented. As a matter of course, all this has resulted in very materially reducing the efficiency and effectiveness of the force.

The failure to provide necessary comforts and accommodations for the men, whose duties require constant exposure at all seasons, must necessarily engender in their minds a feeling of neglect and lack of interest on the part of those whose duty it is to see that proper arrangements are made for their health and convenience. A high moral standard of efficiency and a laudable *esprit de corps* of any organized body of men can be maintained only by an interested supervision of their surroundings and a care for the wants incident to their organization. The amount of efficient service and discipline obtainable from the members of the force must necessarily depend largely upon the provisions for their comfort and rest at the several station-houses while on reserve duty.

It is not believed that Congress intended by its action to reduce the numerical strength of the force, and certainly it was not intended to impair its efficiency.

It may not be out of place to here refer to certain sections of the Revised Statutes of the United States relating to the District of Columbia, wherein the salaries of the members of the police establishment and the mode by which a tax to pay the same shall be levied, collected, and disbursed is fixed by statute. The sections to which attention is called are the following, viz:

SEC. 366. The salaries of the officers, privates, and detectives of the police force shall be as follows:

- Major, seventeen hundred and forty dollars per annum.
- Captain, twelve hundred dollars per annum.
- Lieutenants, eight hundred and forty dollars per annum.
- Sergeants, sixty-five dollars per month.
- Privates, sixty dollars per month.
- Detectives, ninety dollars per month.

SEC. 367. The Metropolitan Police force, its officers and clerks, shall receive a further compensation of fifty per centum upon their respective salaries as provided for in this chapter, which further sum shall be paid by the cities of Washington and Georgetown and the District beyond the limits of said cities in the proportion corresponding to the number of privates allotted severally to said precincts.

SEC. 368. The proper authorities of the District are authorized and required to levy a special tax in Washington and Georgetown and the District beyond the limits of said cities, not exceeding one-third of one per centum annually, which shall be specially deposited, once in each week, as such collections are made, to be appropriated and expended only for the purpose of defraying the expenses of maintaining said Metropolitan Police force in the proportion mentioned in the preceding section.

Congress, by act of July 31, 1876, sundry civil service appropriation, makes the following provision for the present fiscal year, viz:

For salaries and other necessary expenses of the Metropolitan Police of the District of Columbia, one hundred and fifty thousand dollars: *Provided*, That a like sum shall concurrently be paid to defray the expenses of the said Metropolitan Police force out of the treasury of the District of Columbia.

A question arises whether or not this provision of the appropriation act just named modifies or otherwise affects the law contained in the sections of the Revised Statutes just quoted, and, if so, how and to what extent? No other enactments bearing upon these questions are in force. It is respectfully suggested that additional legislation by Congress is required, if the meaning, intent, and effect of the clause in the act making an appropriation for the support of the force is to be clearly understood and its application unhesitatingly made.

The board of police deems it a duty to again refer to the special necessity for an increased police force for this District. This absolute need, as yet unrealized, has been urged in several former annual reports, and as the need increases with each year, its propriety is again submitted. Increasing population and wealth, with an onward march in the progress of public improvements, together with the special duties with reference to public parks and grounds, imposed upon the board by recent legislation by Congress, should add greater and more urgent emphasis to the presentation of this subject, which is here again submitted substantially as heretofore. The maximum number of privates or patrolmen authorized by law is 200 men, of which number it has been found necessary to place 26 privates on special or post-duty, thereby leaving but 174 privates for actual street-duty. There can be no doubt that at the present time our population amounts to fully 150,000, which, divided by 174, the number of active patrolmen, gives one private to every 900 inhabitants, very nearly. And if we take into the estimate the fact that we have constantly in our midst a large number of transient residents, it will be safe to state that we have but one patrolman to each 1,000 inhabitants. It may be well to note that large detachments are continually made from the patrol-force, during the winter season, to attend at public receptions of officers of the Government, foreign ambassadors, prominent citizens and residents at our capital. The demands upon the force from these causes are so pressing that frequently it is found necessary to almost entirely uncover our streets, leaving but three or four policemen to guard entire precincts, and that, too, at night, and during a season of the year when police surveillance should be most strict and effective.

It is estimated that, under ordinary circumstances, the numerical strength of a police-force should be one policeman to each 500 inhabitants. This estimate is, however, for densely populated cities, and would be no fair criterion for a population spread out and scattered as within this District, with an incidental population also drawing largely upon the force for the preservation of order on public occasions.

The special design of a police-force is the preservation of order and the prevention of crime. This object can only be attained in proportion as a district is carefully patrolled and guarded in every part by the frequent and almost constant presence of officers. To reach this end a large force is required in this District of Columbia; and, without the much which is required and expected of the force cannot be accomplished.

As the result of local experience and observation, and information gained in other cities, the board is satisfied that, to secure protection to persons and property, the patrol force of the District of Columbia should be at least 400 men. As an illustration of the necessity to which we refer, the following statistical information is submitted:

In the city of Washington there are three hundred and thirty miles of streets and alleys to be patrolled. The building-squares, as numbered on the plat of the city, are 1,070, affording a building capacity for about 400,000 inhabitants. Besides this there are, within the limits of the city, public grounds and reservations covering an area about one

fourth as great as that of the building-squares referred to. Now this area is more or less densely occupied by dwellings throughout the entire city limits, and should be guarded by the police. But to accomplish this end, by making such arrangements of the beats of the men as experience teaches as best adapted to secure a thoroughly efficient protection to life and property, would require a force of 800 men. And here let a brief statement show how greatly below the real needs of the service the strength of the present force is. There are 144 privates assigned to active patrol-duty in the city of Washington. One-half of this number, or 72 men only, can be placed on regular duty at night, when the largest force is required. Dividing the number of miles of streets and alleys (330) by the number of men assigned to night-duty, gives each man a beat equal to $4\frac{1}{2}$ miles in length. In the day-time, for various reasons, the force is frequently less than one-half of that on duty at night, and consequently the beats are more than double in length, or between nine and ten miles long. It is not strange that, under such circumstances, citizens often complain that they cannot see a policeman when wanted. But when it is considered that in these calculations no allowance is made for sickness, absence from other causes, double beats when it is dangerous to send a man alone, attendance at court, &c., the average beats are necessarily much larger, and in the end it will be found that, even with 800 policemen, the District would not be oversupplied.

It may not be inappropriate here to state that the Government employs in the various Departments and public buildings more than one hundred watchmen and police officers, at a cost of not less, probably, than \$100,000. This force is entirely distinct from, and not auxiliary, even, to the Metropolitan Police force. The board is not aware of what arrests, if any, are made by the men thus employed, except on occasions when made by such of them as have been commissioned by it as additional privates, or under what particular regulations they are controlled. Of this fact the board feels assured, that the number thus employed and the amount expended in their support merits strict supervision and accountability of their labors. It is respectfully suggested that it would be well to inquire whether the duties devolved upon this class of officers could not be as well, if not better, performed if subject to the discipline and supervision prescribed by the board for the government of its force. Whatever is done by these employés it is but reasonable to presume must be in the nature of police-duty. If it be so, then there would seem to be an eminent propriety in their joint alliance with and into the Metropolitan Police system of the District, and be placed under such discipline and surveillance in common as is accorded to all members of that force.

It is believed that such a unity of forces, if placed under the supervision and held specially accountable to the same executive head, would largely enhance the efficiency and value of the entire police establishment of the District of Columbia, and exert a valuable moral influence elsewhere. Aside from the benefits that would result from this means of bringing the guards or watchmen of all the present subdivisions in buildings and localities under the same central head, and consolidating their forces into a legion of associated power, the respective heads of Departments would be relieved from numerous importunities in regard to this service, and more free in the undisturbed performance of other duties.

And here it may be added, that the present Metropolitan police force has been in existence over fifteen years, having been organized in Sep-

tember, 1861. Quite a number of the present members of the force were appointed at its organization, and the fact that they are now members is conclusive evidence that they have performed faithful service during this long term of years. Others have been employed to fill vacancies, as they have occurred from time to time, during these fifteen years.

As an unavoidable result many of these men are becoming advanced in years, as well as old in the service of the board. The exposure and hardships necessary to a policeman's life, are gradually but surely undermining the constitutions and health of such members of the force as have served faithfully for a term of years. The efficiency of a few for street duty is already seriously impaired, and that of others must follow. If the board had the opportunity of assigning such members of the force as become incapacitated for the exposures of street-duty to posts where they would be less exposed to inclement weather, many years of faithful and efficient service could be utilized in a manner highly advantageous to the Government, not only in a financial view, but to the efficiency of the civil service in this District.

It cannot be presumed that Congress would for an instant tolerate a policy which would cast a class of its employes upon the charities of the public, who, under the provisions of its laws, have given the best part of their lives to the service of the Government, and who have wrecked their physical energies and broken down their health in the discharge of duties incident to their avocation. It should be borne in mind that the pay of policemen is barely sufficient to support themselves and families, and that being required to devote their time to official duties to an extent which precludes them from engaging in other employment, they have no opportunity to accumulate means to supply the necessities of life when sickness and old age shall prostrate their energies and hamper their activity. Under the laws of Congress members of the force are appointed for a term co-extensive with good behavior, and can be removed only "for cause." There can be no doubt that the "for cause" must be construed to mean some voluntary act of omission or commission in the performance of official duty, or some moral delinquency affecting their standing as citizens or members of society. There is, then, or may be, a class of police officers who, performing all their moral and official obligations to the satisfaction of the board, so far as they come to its knowledge and observation, become aged or infirm in its service. This class, almost of necessity, must be composed of upright and reliable men. It therefore becomes, and is even now, to some extent, a practical question, "what disposition shall be made of this class of policemen?" They cannot be rightfully or legally dismissed the force, and it would be inhuman to do so, if it could be done. What, then, can be done, and what shall be done for members of the force whose long term of service, coupled with failing health or advanced years acquired in the line of duty, admonishes us that in no distant future they must become incapacitated for active and efficient street-duty. Either they must become pensioners, or be transferred to posts of duty less subject to exposure and hardship. It is, therefore, earnestly suggested by the board that the policing of the public buildings and grounds could be efficiently, satisfactorily, and economically performed by the class of men in question, under the direction and supervision of this board. With this view the subject is respectfully submitted to your consideration and recommendation.

The discipline of the force has been kept up to a very satisfactory standard during the year. One hundred and fourteen infractions of the

rules and regulations by members of the force have been brought to the attention of the board in the form of written charges and specifications, under which trials have been held, as provided by law, and with the following results, viz:

Dismissed the force.....	25
Fined.....	12
Fined and reprimanded.....	2
Reprimanded.....	11
Cationed.....	3
Complaints dismissed.....	61
Total.....	114

The board believes that it has in its employ a body of men, with rare individual exceptions, which aims to perform duty efficiently, conscientiously and intelligently. But few complaints of harsh or brutal treatment by policemen occur. In fact scarcely any have occurred during the year.

It has been the aim of the board to lead the force to realize that even violators of law and offender against order and propriety more readily yield to a firm but mild exercise of authority (and with results much more satisfactory) than they do to rude and inhuman exhibitions of physical power, however muscular and effective its application.

The physical condition, intelligence, habits, temper, and aptitude for police duty of applicants for appointment upon the force are carefully inquired into before selections are made to fill vacancies which occur, and by which means only the better class of candidates obtain positions as policemen. Partisan influences of a political character are not regarded in making selections for the force, and indeed the party affiliations of appointees are unknown; and if after appointment they become known through offensive espousals of candidates, or the advocacy of measures of political organizations, such actions are regarded as impairing the efficiency and usefulness of a police officer, and are of sufficient gravity to work dismissals from the force.

Under the provision of section 435 of the Revised Statutes applicable to the District of Columbia, 434 applications for approval of license to vend liquor by the drink have been made to the board, of which number 392 have received its approval, and 42 have been disapproved.

The board embraces this opportunity to again state that under the operation of existing laws, it is impracticable to entirely suppress the illicit sale of intoxicating liquors, and it again urges the enactment of more effective and satisfactory legislation upon this subject.

In conclusion, attention is respectfully called to the reports of the treasurer of the board, the major and superintendent, and the property-clerk, which are herewith submitted as a part of this report.

These reports contain important and interesting tabulated and statistical information relating to the operations of the force during the year.

Respectfully submitted.

W. J. MURTAGH,
President.

Hon. ALPHONSO TAFT,
Attorney-General United States.

DEPARTMENT OF METROPOLITAN POLICE,
OFFICE OF THE TREASURER, 482 LOUISIANA AVENUE,
Washington, November 10, 1876.

GENTLEMEN: Herewith is a statement of the accounts of this office with the United States for the fiscal year ended on the 30th day of June last.

Very respectfully,

H. M. SWEENEY,
Treasurer.

The BOARD OF POLICE,
Metropolitan Police District, D. C.

The United States in account with H. M. Sweeney, treasurer of the Metropolitan police, for the fiscal year ending June 30, 1876.

Dr.

Cr.

Month.	Disbursements for the United States.	Amount.	Advances from the Treasury.	Amount.
1875.				
July.....	Expenditures.....	\$16,652 73	Requisition.....	\$18,000 00
August.....	do.....	16,701 90	do.....	18,000 00
September.....	do.....	17,057 02	do.....	18,000 00
October.....	do.....	17,340 42	do.....	17,000 00
November.....	do.....	17,006 12	do.....	17,000 00
December.....	do.....	17,040 89	do.....	17,000 00
1876.				
January.....	do.....	17,090 72	do.....	17,000 00
February.....	do.....	16,739 38	do.....	17,000 00
March.....	do.....	16,829 11	do.....	17,000 00
April.....	do.....	16,844 87	do.....	17,000 00
May.....	do.....	17,161 96	do.....	17,000 00
June.....	do.....	18,604 86	do.....	15,276 00
	Unexpended balance.....	270 72		
		205,270 00		205,270 00

OFFICE OF THE MAJOR AND SUPERINTENDENT,
November 7, 1876.

To the Board of Metropolitan Police Commissioners:

GENTLEMEN: I have the honor to submit herewith a report of the operations of the Metropolitan police force for the year ending September 30, 1876. This report is confined mainly to tabulated and statistical information, together with a general summary of the results of the duties performed by the force.

The tables submitted herewith show the number and disposition of the force, the time lost by sickness and other causes, the total number of arrests made by the force, classified by precincts; a classification of the ages of the males and females arrested, each separately; the nativity of persons arrested; a classification of the offenses for which arrests have been made, including offenses against the persons of individuals and against property; and, lastly, a table showing the trades and callings of persons arrested.

The following is a summary of the results of the operations of the detective branch of the service during the year, so far as they can be made a matter of record. Necessarily much of the labor performed by detectives, such as watching suspected persons, making themselves acquainted with the criminal classes, their haunts, habits, and associations, cannot be presented in a report or be made a matter of record:

The number of robberies reported.....	981
The number of arrests made	365
Amount of property reported lost or stolen.....	\$32, 842 65
Amount of property recovered.....	\$13, 595 02
Amount of property turned over to property clerk.....	\$3, 437 63
Amount of property turned over to owners	\$10, 157 39
Amount of property taken from persons and returned to same.....	\$2, 114 02

Inasmuch as the board of health has, under the authority of Congress, special charge of the sanitary condition of the District, comparatively little has been done in that line, and that only of a character which required prompt action. But one member of the force, Private John Connell, has been detailed for sanitary duty. He has promptly and satisfactorily attended to the duties to which he has been assigned.

The following statement will show the number of sick and destitute persons sent to the several hospitals and asylums during the year, the nativity of the same, and the number of non-resident paupers furnished with transportation to their homes :

Number sent to Washington Asylum	388
Number sent to Providence Hospital	177
Number sent to Freedmen's Hospital	66
Number sent to Asylum for the Insane	58
Number sent to Columbia Hospital.....	3
Number sent to Colored Orphan Asylum.....	1
Total	693

The nativity of persons sent to hospitals and asylums is as follows, viz :

United States.....	544	Poland	1
Ireland.....	94	Austria	1
Germany.....	27	Norway	1
England.....	12	Sweden	1
Italy.....	5	Switzerland	1
Scotland.....	4		
Canada.....	2	Total	693

Number of paupers and unfortunate persons furnished with transportation to their homes, procured from the Commissioners of the District.....	123
Number of dispatches sent over the police telegraph-lines on police business, during the year, and recorded, is.....	43, 976

In addition to the above, a large number have been sent between different police station-houses of which no record has been kept at the central office.

The following is a recapitulation of the work done by the police force during the year ended September 30, 1876, a more extended exhibit of which will be gathered from the following tables.

The whole number of arrests during the year has been 14,144, of which 12,090 were males, 2,054 were females; 5,147 were married, 8,997 were single; 9,335 could read and write; 4,789 could not read and write.

The offenses may be classified as follows : Offenses against the person, 8,329 males, 1,551 females; offenses against property, 3,761 males, 503 females.

Of the cases reported, the following dispositions have been made : 4,912 were dismissed; 8 were turned over to the military; 1,335 were sent to jail for court; 181 gave bail for court; 1,727 were sent to the work-house; 285 gave security to keep the peace; 77 were sent to the Reform School; 82 not disposed of; and in 1,440 cases various light punishments have been inflicted, and they have been classed under the head of miscellaneous.

Fines have been imposed in 4,097 cases, amounting in all to \$37,910.75, as follows, viz :

In District of Columbia cases	\$14,921 50
In United States cases	6,786 25
In District of Columbia cases, appealed	9,049 00
In United States cases, appealed	7,154 00
	<hr/>
	37,910 75

INCIDENTAL DUTIES.

The number of destitute persons furnished with lodgings has been during the year	13,500
Lost children restored to parents	170
Sick or disabled assisted or taken to hospitals	991
Horses, cattle, or vehicles found astray and returned to owners	372
Doors left open, and secured by police	100
Fires attended in the District	197
Accidents reported	150
Inquests attended	30
Dead and abandoned persons and infants found	20

Before concluding this report, I feel it to be my duty to call your attention to the necessity for an increase in the force above its maximum number as now authorized by law. As you are aware, the force has been largely reduced within the past few weeks in order to keep the expenditures for its support within the amount appropriated by Congress. Because of this reduction, combined with other causes, probably, thieves have become numerous and bold, and burglaries and robberies daring and frequent. It is anticipated that offenses of this class will become much more frequent as winter approaches and advances.

There should be no delay in filling up the depleted ranks of the force, and an increase of the present numerical strength as now authorized by Congress should be urged upon that body in the most pressing terms. Without such an increase it will be impossible to protect property with a reasonable degree of security during the approaching cold season. Where a single policeman has from five to eighty blocks to guard, according to locality, as is now the case, and at night, it is impossible to prevent robberies. In fact, such a condition of the service rather invites robberies and pilfering than the reverse. Indeed it is remarkable, with the thousands of idle and needy people in our midst, (not referring to those who steal from choice rather than labor,) that there are not more robberies than there are, when we consider the paucity of the force numerically, as compared with the vast territory that must be patrolled, together with other exacting duties devolved upon the organization.

This question of an increase to the force cannot be too speedily considered, nor too earnestly pressed upon the attention of Congress.

It gives me pleasure to report that the members of the force, of all grades, have with few exceptions satisfactorily performed the duties required of them during the year. The discipline of the force has been kept at a high standard, and its general deportment as an organization is a subject of frequent commendation by both citizens and sojourners in our midst.

Respectfully submitted.

A. C. RICHARDS,
Major and Superintendent.

No. 1.—Table showing the disposition of the force.

Precincts.	Major and adjutant.	Captain and inspector.	Lieutenants.	Sergeants.	Privates.	Detailed.	Vacancies.	Total.
First			1	1	27	1		30
Second			1	2	20		1	24
Third			1	2	17	1	3	24
Fourth			1	3	23	1		28
Fifth			1	3	21	1		27
Sixth			1	3	21		1	26
Seventh			1	3	27	1	1	33
Eighth			1	3	25		1	30
Ninth	1		1					2
Tenth		1	1					2
Detectives					5		1	6
Sanitary					1		2	3
Total	1	1	10	20	187	8	11	238

No. 2.—Table showing time lost by sickness and other causes.

Precincts.	Sick.	With permission.	Without permission.	Days.
First	378	150	5	533
Second	214	122	1	337
Third	302	85	11	398
Fourth	250	133	13	396
Fifth	443	247	1	691
Sixth	292	131	11	434
Seventh	841	210	8	1,059
Eighth	1,025	242		1,267
Detectives	25	8	7	40
Sanitary	249	10		259
Total	4,019	1,338	57	5,414

No. 3.—Table showing number of arrests in each precinct.

Precincts.	Males.	Females.	Total.
First	1,530	421	1,951
Second	1,510	300	1,810
Third	1,079	152	1,231
Fourth	1,461	169	1,630
Fifth	2,549	438	2,987
Sixth	749	95	844
Seventh	1,904	233	2,137
Eighth	974	200	1,174
Sanitary	15		15
Detectives	319	46	365
Total	12,090	2,054	14,144

No. 4.—Table showing the ages of the males arrested, classified.

Precincts.	From 10 to 20.	From 20 to 30.	From 30 to 40.	40 and over.	Total.
First	376	564	309	281	1,530
Second	498	473	270	269	1,510
Third	139	433	266	241	1,079
Fourth	401	508	309	243	1,461
Fifth	448	898	645	558	2,549
Sixth	154	258	173	161	749
Seventh	395	633	509	367	1,904
Eighth	274	323	189	188	974
Sanitary		1	4	10	15
Detectives	83	152	53	31	319
Total	2,768	4,243	2,730	2,349	12,090

No. 5.—Table showing the ages of the females arrested, classified.

Precincts.	From 10 to 30.	From 20 to 30.	From 30 to 40.	40 and over.	Total
First	119	173	86	43	421
Second	91	113	65	31	300
Third	94	55	31	42	122
Fourth	36	61	27	45	169
Fifth	98	207	90	41	436
Sixth	28	22	25	20	95
Seventh	56	65	62	50	233
Eighth	68	66	43	21	298
Detectives	27	18	1	.....	46
Total	547	780	430	297	2,054

No. 6.—Recapitulation of offenses, classified.

Offenses against the person.	Males.	Females.	Total.
Abortion	1	.....	1
Abduction	1	.....	1
Adultery	1	.....	1
Affray	181	11	192
Assault	189	19	208
Assault and battery	1,344	282	1,626
Assault and battery, with intent to kill	79	4	83
Accessory to murder	1	1	2
Assault on policemen	40	1	41
Attempt to rape	3	.....	3
Bestardy	12	.....	12
Bigamy	3	.....	3
Carrying concealed weapons	47	3	50
Contempt of court	64	24	88
Desertion	10	.....	10
Disorderly conduct	1,293	394	1,687
Enticing prostitution .....	.....	5	5
Fast driving or riding	34	1	35
Fighting in the streets	42	5	47
Fugitives from justice	86	13	99
Habitual drunkenness	5	1	6
Insanity	16	2	18
Intoxication	3,029	262	3,291
Intoxication and disorderly conduct	807	166	973
Interfering with officers	7	.....	7
Idle and incorrigible	7	.....	7
Keeping bawdy-house	6	20	26
Keeping disorderly house	3	4	7
Keeping gambling-house	5	.....	5
Kidnapping	1	.....	1
Manlaughter	1	1	2
Murder	4	3	7
Miscellaneous misdemeanors	89	14	103
Perjury	7	1	8
Profanity	137	22	159
Rape	13	.....	13
Resisting officers	19	.....	19
Indecent exposure of person	91	1	92
Rioting	8	.....	8
Threats of violence	309	123	432
Vagrancy	416	187	603
Witnesses for United States	18	5	23
Total	8,339	1,551	9,890

No. 7.—Recapitulation of offenses, classified.

Offenses against property.	Males.	Females.	Total.
Arson	3	.....	3
Attempt to steal	3	.....	3
Burglary	34	2	36
Blackmailing	1	.....	1
Conspiracy to defraud	9	.....	9
Cruelty to animals	30	.....	30

No. 7.—*Recapitulation of offenses, classified—Continued.*

Offenses against property.	Males.	Females.	Total.
Embezzlement	10	1	11
Forgery	18	1	19
Gambling	10	.....	10
Grand larceny	201	40	241
Housebreaking	7	.....	7
Malicious mischief	51	10	61
Obtaining money and goods under false pretenses	97	9	106
Petit larceny	916	182	1,098
Receiving stolen goods	18	5	23
Robbery	39	.....	39
Suspicion	430	27	457
Trespass	116	14	130
Violation of District ordinances	1,747	212	1,959
Renting house for bawdy purposes	1	.....	1
Selling lottery policies	20	.....	20
Total	3,761	503	4,264

No. 8.—*Nativity of those arrested, classified.*

Nativity.	Number.	Nativity.	Number.
United States, white	6,062	Poland	9
United States, black	5,699	Spain	4
Ireland	1,332	Switzerland	5
Germany	666	Wales	1
Italy	33	Sweden	12
England	181	Norway	2
France	43	Prussia	1
Scotland	57	Russia	4
Canada	14	Hungary	1
Denmark	9	Persia	2
Holland	2	Asia	2
Austria	1		
Bavaria	2	Total	14,144

No. 9.—*Table showing trades and callings of persons arrested.*

Occupation.	Number.	Occupation.	Number.
Artists	2	Cigar-makers	39
Actors	4	Coach-makers	18
Agents	120	Coachmen	10
Apprentices	25	Cutters	2
Auctioneers	9	Cooks	48
Architects	1	Coopers	9
Attorneys	1	Confectioners	10
Awning-makers	1	Contractors	81
Book-keepers	1	Clerks	552
Bakers	101	Conductors	10
Barbers	60	Collectors	1
Bar-keepers	108	Calkers	1
Blacksmiths	121	Car-drivers	6
Boatmen	100	Constables	10
Boiler-makers	9	Cattle-dealers	5
Bookbinders	17	Coppersmiths	1
Bell-hangers	1	Cow-boys	1
Brewers	16	Correspondents	1
Bricklayers	228	Clock-makers	2
Brick-makers	18	Dairymen	15
Brokers	31	Dentists	5
Brass-finishers	3	Draughtsmen	1
Broom-makers	3	Dress-makers	2
Builders	3	Drivers	144
Butchers	102	Drovers	13
Bill-posters	2	Druggists	28
Blind-molders	1	Door-keepers	1
Carvers	1	Detectives	1
Carpenters	407	Dyers	4
Cartmen	66	Expressmen	1
Cabinet-makers	12	Editors	4

No. 9.—Table showing trades and callings of persons arrested—Continued.

Occupation.	Number.	Occupation.	Number.
Engineers	36	Peddlers	34
Engravers	10	Printers	206
Feed-dealers	3	Physicians	5
Foremen	3	Plasterers	113
Farmers	166	Prostitutes	613
Firemen	10	Preachers	7
Fishermen	25	Painters	315
Fruit-dealers	1	Pavers	31
Glaziers	1	Pawnbrokers	10
Garbage-collectors	1	Police officers	11
Grocers	102	Photographers	5
Gunsmiths	1	Porters	36
Gardeners	35	Plumbers	113
Gamblers	7	Produce-dealers	4
Gas-fitters	3	Pilots	2
Gymnasts	1	Restaurant-keepers	71
Glass blowers	3	Rag-dealers	17
Glove-makers	1	Reporters	30
Gilders	1	Riggers	1
Hotel-keepers	22	Railroad men	2
Hackmen	102	Superintendents	1
Hatters	5	Slaters	5
Hucksters	189	Sailors	229
House-keepers	644	Soldiers	124
Horse-farriers	5	Sail-makers	5
Horse-dealers	3	Servants	74
Hostlers	11	Shoemakers	140
Harness-makers	24	Shoe-blacks	50
Inspectors	2	Stone-cutters	129
Ice-dealers	1	School-masters	2
Iron workers	2	Store-keepers	117
Joiners	1	Stair-builders	2
Jewelers	20	Saddlers	16
Junk-shop keepers	12	Students	300
Laborers	4,457	Surveyors	1
Loafers	29	Second-hand dealers	1
Lawyers	72	Seamstresses	10
Lamp lighters	10	Showmen	3
Livery-stable keepers	7	Ship carpenters	1
Locksmiths	1	Silver-smiths	1
Letter-carriers	1	Stewards	1
Merchants	143	Spinners	1
Machinists	79	Swindlers	2
Magistrates	3	Tailors	70
Millers	5	Teamsters	97
Mechanics	5	Tinners	97
Messengers	22	Tobaccoists	1
Marines	45	Telegraphists	7
Miners	1	Thieves	563
Molders	32	Tramps	2
Masons	13	Upholsterers	9
Musicians	22	Undertakers	4
Millwrights	1	Vagrants	22
Midwives	4	Well-diggers	1
Naval officers	1	Washerwomen	12
Nurses	3	Wheelwrights	14
Newsboys	30	Watchmen	44
Organists	1	Wagon-masters	1
Occupation unknown	214	Welghers	1
Oyster-men	1	Weavers	3
Paymasters	1	Waiters	54
Pump-makers	2	Whitewashers	5
Paper-hangers	7		
Potters	3	Total	14,144

DEPARTMENT OF METROPOLITAN POLICE,
PROPERTY ROOMS, Washington, October 9, 1876.

SIR: I have the honor to submit herewith statements (marked A) showing the values of property and money received at this office, and delivered therefrom, during each of the months in the year ending the 30th ultimo. The amount received was \$10,422.91, and that delivered, \$8,521.91. Of the sums received, \$6,806.61 were returned from the police precincts and sanitary company, and \$3,616.30 from the detec-

tive corps. And of that delivered to owners, \$4,876.71 was returned from the precincts, and \$3,645.20 from the detective corps.

All other property operations of the Metropolitan police, showing the amounts coming into its possession and delivered to others than the property-clerk, from the several precincts, sanitary company, and detective corps, respectively, within and for the several months of the same period, are exhibited in the statement marked B, and amount to the aggregate of \$103,521.64.

The net amount derived from sales of abandoned and perishable property, and paid over to the treasurer of the board, as applicable to the "policemen's fund," during the same time, was \$232.27.

Very respectfully, your obedient servant,

GEORGE R. HERRICK,
Property-Clerk.

WILLIAM J. MURTAGH, Esq.,
President Board of Police.

A.

Statements showing the value of property and money received at the office of the property-clerk, and delivered therefrom, during the year ending September 30, 1876.

ESTIMATED AMOUNTS RECEIVED IN EACH MONTH.

October, 1875	\$605 45
November, 1875	940 35
December, 1875	1, 198 55
January, 1876	576 18
February, 1876	1, 008 20
March, 1876	592 20
April, 1876	769 57
May, 1876	1, 013 90
June, 1876	627 10
July, 1876	1, 676 86
August, 1876	985 95
September, 1876	428 60
	<hr/>
	10, 422 91

DELIVERED ON ORDERS OF COURTS AND EVIDENCES OF OWNERSHIP.

October, 1875	\$435 10
November, 1875	618 70
December, 1875	1, 638 00
January, 1876	460 61
February, 1876	558 00
March, 1876	541 50
April, 1876	1, 172 05
May, 1876	368 95
June, 1876	1, 091 00
July, 1876	647 00
August, 1876	895 00
September, 1876	96 00
	<hr/>
	8, 521 91

B.—Detailed statement, by months, of property and money taken into the possession of the Metropolitan police, detective corps, and sanitary company, respectively, and delivered to others than the property-clerk, during the year ending September 30, 1876, as compiled from the weekly reports made to the property-clerk.

Months and years.	Precincts.								Detective corps.	Sanitary company.	Total amounts.
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.			
October, 1875.....	\$661 13	\$1,894 04	\$1,449 30	\$547 69	\$1,466 46	\$639 85	\$531 76	\$634 69	\$693 00	\$23 80	\$8,871 02
November, 1875.....	1,005 98	1,717 62	722 31	1,900 44	2,383 62	866 47	2,253 48	618 64	531 68	.....	11,900 24
December, 1875.....	342 37	668 42	494 80	190 41	1,995 22	1,064 43	899 74	397 34	2,232 42	.....	8,303 15
January, 1876.....	1,841 55	1,279 01	134 48	276 34	1,369 86	1,485 43	918 41	598 53	773 50	5 00	7,034 30
February, 1876.....	626 49	2,987 50	213 08	143 93	1,389 06	179 97	664 18	535 60	1,842 35	.....	9,502 36
March, 1876.....	469 65	1,009 16	230 60	719 30	1,612 82	560 15	489 40	797 48	1,063 50	.....	6,955 06
April, 1876.....	368 40	2,254 12	133 78	989 43	1,454 91	331 34	886 53	431 45	552 05	.....	7,231 91
May, 1876.....	814 44	1,155 08	137 60	689 46	1,710 47	923 70	880 54	1,129 46	116 00	181 50	6,950 25
June, 1876.....	470 06	790 03	1,090 44	297 47	1,079 94	383 10	383 63	692 01	761 78	.....	5,835 66
July, 1876.....	850 17	4,017 94	204 58	759 40	1,207 77	2,847 16	404 46	601 99	1,659 84	.....	12,853 31
August, 1876.....	316 72	1,367 11	663 36	413 32	2,262 32	1,110 30	266 80	592 17	366 47	.....	7,378 47
September, 1876.....	319 50	1,350 49	917 37	1,606 25	2,948 33	1,548 62	985 65	247 76	1,402 60	.....	10,585 91
Total.....	7,806 46	21,490 52	6,419 50	8,625 54	20,880 76	9,349 41	9,307 78	7,597 76	11,963 59	150 30	108,281 64

EXHIBIT L.

WASHINGTON, D. C., *November 1, 1876.*

SIR: I have the honor to submit the annual report of the board of trustees of the Reform-School of the District of Columbia, covering the fiscal year ending June 30, 1876.

It is again my pleasure to report that during this period no sickness of any moment has prevailed, but we regret to record the death of two of the boys, one from typhoid fever, and one from drowning while bathing in the Eastern Branch of the Potomac.

These are the only deaths that have occurred in the school since its organization. Thanks to an overruling Providence, sickness has almost been unknown, and the drowning of the boy referred to is the only serious accident of any kind which has happened.

When the case was reported the board caused it to be thoroughly investigated, and from the results of the investigation they are satisfied that no one was to blame, the superintendent and teachers having taken every precaution to prevent such an occurrence.

To such a record the board point with commendable pride, and challenge a comparison. In seven years, but two deaths out of 408 boys who have been with the school during that period.

This shows the care and attention given by the superintendent and his assistants to the boys, and the strict responsibility the officers of the school are held to by the board.

It has been the aim of the trustees and the officers to make the school a home, and divest it, by the appearance of the buildings and grounds and the kind and humane treatment extended to the inmates, of any and all semblance of a prison or place of punishment and correction, and as to how well they have succeeded they ask and extend an invitation to all to come and see.

No brighter, happier, and more contented boys can be found anywhere.

Their looks speak much louder than any word can express, and it is our wish that all, and more especially the people of this District, would visit the school, examine, and see for themselves. To any one unacquainted with the character of the institution, upon visiting it for the first time, it has all the appearances of a boys' well-ordered boarding-school.

The boys have their play-time as well as their time for study and work, and, like all other school-boys, enjoy themselves at play with their bats and balls, tops and marbles.

Many members of both houses of Congress honored the institution with their presence during the past winter, among them members of the Committee on the District of Columbia and Appropriations, and they all expressed themselves as more than pleased with the manner in which it was conducted, and promised us their support and co-operation in extending its usefulness, and did and no doubt will continue to do so.

It was not thought advisable during the last two sessions of Congress to make further appropriations for the school than what was necessary to pay the salaries of the superintendent, teachers, and other employes, owing to the hard times and the scarcity of money in the public Treasury, but we have great hopes that during the coming session the claims of the school will not be overlooked by Congress.

To this end there has been submitted in the annual estimates the following amounts for the purposes named, to which we respectfully invite your attention and beg to express the hope that you will lend your influence to have the same favorably considered by Congress:

1. For salaries of superintendent, teachers, and employes, including \$500 for salary to the treasurer.....	\$10,500
2. For purchase of the remainder of Peters's farm.....	10,000
3. For workshops, steam-engines, machinery, &c.....	11,000
4. One additional family building.....	12,000
5. For fences, out-buildings, plants, hedging, and trees.....	5,000
6. For annual repairs of buildings, library, building conservatory, stocking same; and cows.....	3,000
7. For sinking well, windmill for raising water, &c.....	1,500
	<hr/> 53,000

And to them in their order of importance we respectfully invite your attention.

1st. The salaries. The amount has been annually appropriated by Congress for this purpose, with the exception of \$500 salary for the treasurer.

By the act of May 3, 1876, (Laws Forty-fourth Congress, first session, chapter 90, page 49,) entitled "An act revising and amending the various acts establishing and relating to the Reform-School in the District of Columbia," the treasurer is required to give a bond to the United States with two or more sureties, to be approved by the First Comptroller of the Treasury, in the sum of \$20,000, or a larger sum, at the option of the said Comptroller, conditioned that he shall faithfully account for all moneys received by him as treasurer, and to keep a clear and full record of his account and report an abstract of the same to the board of trustees once in every two months, and also make an annual report of all receipts and expenditures.

Under this law the treasurer has filed his bond and faithfully performed his duties without any compensation. We respectfully submit that for the great responsibility assumed and labor given some compensation should be made, and invite your attention to this subject, trusting that you will be pleased to recommend to Congress the appropriation of \$500 as an annual salary to the treasurer.

It is not right or just to ask a gentleman to take upon himself this responsibility and labor for nothing.

2d. Purchase of the remainder of the Peters farm. More land suitable for cultivation is necessary to enable the school to raise all the vegetables, grain, &c., required on the premises.

The greater part of the land now belonging to the school is not available for this purpose, being thin, poor, and not susceptible to much improvement through the agency of fertilizers, and therefore not suitable for the purpose of high cultivation. It is, however, available for the cultivation of fruit and grapes, and part of it for grass, which is being put down as fast as the force and means at our command will permit.

The remainder of the Peters farm adjoins the school, being part of the adjoining tract of which the school-land is a part, and it is desirable to obtain it for several reasons: Because it lies adjacent to and adjoining the school, and it is desirable to prevent it from falling into the hands of persons who would not be desirable neighbors, and who might have a bad influence upon the boys; because it is well adapted to raising vegetables and the smaller fruits for the supply of the school and for sale, from which quite a revenue could be derived, besides giving the boys an opportunity of learning by experience the business of market-gardening, which they could in after life follow as a useful and profitable occupation; because, if this land goes out from under the control of the trustees of the school, those who purchase it will have the right of way along the whole southern line of our present site, and if it should be occupied by persons whom it might be disadvantageous to have brought

in contact with the boys, their close proximity and daily contact would be highly injurious to the good management and discipline which now obtains.

In view of these facts, we hope Congress will look favorably upon this estimate.

3d. Workshops and engines, and machinery for the same.

This is absolutely necessary for the proper education of the boys. One of the principal objects of the school is to fit the boys, by a useful trade or occupation, to take care of themselves when they go out into the world. At present almost no facilities to this end exist. One room in the main building, which is much needed for other purposes, is set apart as a workshop, where the boys are occupied in caning chairs and making brooms and clothing.

With these exceptions, no trades are taught, for the want of proper means. With the workshop asked for, a variety of useful trades could be taught, which, if followed by the boys after leaving the school, would enable them to make an honest living for themselves and add to the material interests of the country.

The amount asked is small, the good results which will follow may be greater than we can estimate.

Give a young man a useful trade and he becomes self-reliant, with a feeling that he has within himself the means of future support upon which he can always depend. And this is what we want to do for our boys, to make them men who will be an honor to themselves and to their country; men who will think it an honor to have graduated at our school. How can we better do that than by giving them an education and a trade which will fit them for the battles of life and make them useful members of society?

Ours is not a prison, a place of punishment, but a home and a school where virtue, industry, and honesty are commended, and where vice and sin have no place.

We find great difficulty in obtaining employment for the boys who are discharged; particularly is that the case when they desire places where they can learn trades. Printing offices, book-binders, and other places where good and useful occupations can be learned are overcrowded with apprentices, and it is very seldom that we succeed in getting any of the boys in such places.

With the proper shops, machinery, &c., with which to instruct them, these boys will go out of the school at least well-grounded in the first principles of these trades, and be able to take care of themselves.

4th. For an additional family building. If the original plan of the school is to be carried out, new buildings are necessary.

The school is established upon what is known as the family plan, which is now being adopted almost universally, and which is admitted and conceded by all who have given the subject of reformatories careful attention to be far superior to all others.

The family plan is to keep the boys in classes of not more than fifty or sixty to themselves, in separate buildings, with their own teacher, thus preventing the congregating of a large number of boys in one building, or in the same class, or at their tasks at the same time.

This plan has proved to be so far superior to any other, and has worked so admirably with us, that we look upon any other, or to going back to the old congregate system, as a retrograde step, full of disaster to the success of the school. The amount asked for another building, that we may continue the school under the present system, is not large; and it

is hoped that Congress may see the importance of making the appropriation.

5th. Fencing, outbuildings, plants, trees, &c. There is almost no fencing on the place, and what little there is is rather dilapidated and almost worthless.

New and substantial fencing is required to divide the grounds into fields and inclose the entire farm, to prevent the stock from overrunning the crops and straying off. A new barn is also necessary. At present there is no means of properly housing the crops and sheltering the stock.

Evergreens, shade trees, and hedging are required.

With proper hedging, in a few years the necessity for fencing would no longer exist, and this expense hereafter saved.

6th. A conservatory is also needed for raising flowers for sale, as well as for the adornment and beautifying of the grounds.

With a proper building of this kind, the useful and beautiful occupation of floriculture could be taught, and another means provided for the boys in after life of providing for themselves.

A small library of entertaining and instructive books should be placed in the school for the use of the boys after their studies and tasks for the day are over.

There is no library at the school now, with the exception of a few books which kind friends have donated, and its want is much felt.

A few cows are also required.

For the library, conservatory, stock, &c., a small appropriation of \$3,000 is asked.

7th. For sinking a well and purchasing a windmill for raising water for the buildings a small appropriation is asked of \$1,500.

At present the school is dependent for water upon one spring, a considerable distance off, from which water is forced by means of a small steam-engine. The supply is inadequate to the wants of the school, and the want of a plentiful supply of pure fresh water for the buildings and for the garden is much felt.

The total amount of the appropriations asked for is fifty-three thousand dollars.

This may look large, but it must be borne in mind that no appropriations, with the exception of those for salaries, have been made for two years.

A slight investigation is sufficient to show that to prevent crime is much less expensive than to punish it.

It appears from the census of 1870 that the annual expenditure for the support of criminals and paupers was fifteen millions of dollars.

It is shown from the census returns for that year that there were but thirty reform-schools in the United States, containing less than 7,000 youths, who had taken the first step in crime, and who were placed therein that they might be removed from temptation and evil influence; and that the cost of their maintenance was about \$1,000,000.

It has been estimated that but four per cent. of criminals are met on their way to prison and placed in reformatories where they may be turned from their downward tendency to crime, ruin, and destruction, and that the cost is only six per cent. as much as is paid for the support of paupers and criminals.

If these estimates are correct, (and from the source from which they are derived they must be,) the conclusion is inevitable that more reformatories are necessary, and that those which are in existence should receive every encouragement by appropriations for their support and for their enlargement, that their capacity may be sufficient to meet the wants of society.

Statistics further show that the average per cent. of actual reformation in the reform-schools of the United States is about 75 per cent. and the average time occupied two years.

This alone is argument sufficient to show the great and growing necessity of reform-schools so conducted as to send their inmates into the world strong and self-reliant in the knowledge of useful trades. Such being the case, can money be appropriated to a more useful, laudable, and benevolent purpose?

Crime is an incident for which society is responsible; and if it is suppressed through any agency, that agency deserves the fostering care and protection of the Government.

The injustice and impolicy of throwing a person who is accused of crime into a jail with old offenders and hardened criminals, to become attainted and embittered for life before his trial, is admitted. How much stronger does this hardship and injustice impress itself upon the minds of all in the case of young boys, who, before the establishment of reform-schools, and at the present day where there are no such institutions, when they have been guilty of some slight breach of the peace, or other trivial offense, are thrown into the common prison to learn all the tricks and vices of older and hardened criminals, and graduate therefrom ready for any crime that may lead them to the penitentiary, or a worse fate.

This plan makes convicts and produces crime; our plan reforms the *embryo* criminal, makes him an honored and useful citizen, and gives him a stimulus to go into the world a man.

We respectfully invite attention to the report of the superintendent of the school which accompanies this. From it, it appears that at the close of the last fiscal year there were remaining in the school 146 boys, 65 were received during the present year on new commitments, one returned from ticket-of-leave, and four returned who had previously escaped, making in all 216 who had been in the school during the year. Of these, 39 were honorably discharged, 3 were indentured, 2 died, 2 were sentenced to jail for attempting crime on the premises, and 11 were absent without leave, leaving at the close of the year 159 boys.

The report of the farm and garden is satisfactory.

Better and larger crops have been gathered, and the school furnished with an abundant supply of fresh and good vegetables.

For further statistics in regard to the amount and kind of products of the farm and garden reference is made to the superintendent's report. The work of improving and beautifying the grounds has progressed with energy and vigor.

A class of boys, when the weather has permitted, has been kept constantly employed upon the grounds immediately surrounding the buildings, and what was a few years ago an unsightly mound of earth, the remnants of old Fort Lincoln, now blossoms with flowers and is adorned with evergreens and graceful shade-trees, and is one of the most beautiful spots within the District of Columbia.

The results of such work-shops as we have is encouraging, 21,587 chair-seats having been caned by the boys, from which a revenue has been derived of \$1,420.87. Broom-making has been carried on to some extent and is a remunerative employment for the larger boys.

In the tailor-shop all clothing for the boys is made and repaired.

We invite attention to the necessity for a chapel. The boys are now assembled in one of the school-rooms in the main building for worship and on other occasions.

If the work-shops asked for are erected, the present work-room could be devoted to other purposes and the school-room fitted up and used exclusively as a chapel.

Attention is also invited to the necessity for more help to the superintendent, and to his statement upon this subject in his report. The following is a statement of the receipts and expenditures, as appears from the report of the treasurer of the school.

RECEIPTS.

Appropriation for salaries, &c.....	\$10,000 00
Received from the District of Columbia for support of inmates.....	13,049 79
Received from the superintendent for sale of farm produce, &c.....	1,322 24
For sale of old building.....	150 00
Proceeds of work-shop.....	1,702 61
Total	26,224 64

This sum has all been expended, and for a detailed statement as to how it was expended we respectfully refer to the report of the treasurer herewith.

Mr. George B. McCartee was for several years the treasurer: but much to our regret and loss, owing to the pressure of other business, he has been obliged to offer his resignation, taking effect at the close of the fiscal year.

He devoted much time and labor to his duties, which he discharged in a manner highly gratifying to the board.

We part with him with great regret, and desire in this report to invite attention to his zeal and fidelity while an officer of the school, and to extend to him our thanks therefor as the only means we have of recompensing him in the absence of authority or an appropriation to properly compensate him for his trouble and labor.

The funds of the school are, pursuant to law, deposited with the treasurer of the school, duly approved by the finance committee of the board.

No bills are paid until the same have been carefully examined and approved by that committee. The greatest care and economy are exercised in all disbursements.

By the act of May 3, 1876, revising the acts establishing and relating to the Reform-School, the District of Columbia is required to pay to the board of trustees two dollars per week for each boy, being an increase of 25 cents over and above what was theretofore paid.

This sum about pays the school for the actual support of the boys, including food, clothing, medical attendance, &c., in addition to what is raised on the farm and garden, all of which goes to the support of the school. On the 13th of January, 1870, the doors of the school were first opened to the reception of such juvenile offenders under the age of sixteen years as might have been, or should thereafter be, sentenced by the courts, and of such other boys as the parents of whom might declare to be incorrigible and beyond their control, or were destitute of a suitable home and adequate means of obtaining an honest living, and in danger of being brought up to lead an evil or vicious life.

At this date 408 boys have been received in the school, 249 have been discharged, and 159 are now enjoying its advantages and privileges.

At the time the school commenced it was located on the banks of the Potomac River, near what is known as the Chain Bridge, in frame-buildings, originally erected as barracks for the soldiers during the war, surrounded by rocks, hills, and forests, with but few comforts and facilities. Now we have a home (thanks to the liberality of Congress of

which we are proud, an ornament to the District, a monument of the energy, zeal, and philanthropy of its projectors, a monument to the success of their humane, charitable, and benevolent enterprise.

Now, instead of a bleak, desolate waste, the fields and gardens are covered with verdure and flowers, orchards and vineyards, and all the vegetables susceptible of growth and cultivation in this climate.

The school consists of a main building and one family building, capable of containing 150 or 160 boys, the number that are at this time therein. As before said, there is no workshop in which to teach the boys useful trades, nor conservatories for the propagation of plants for the garden, or flowers and other plants for the adornment of the place. But the board hope and expect that before the close of another year Congress, seeing the importance of this good work, will give them the facilities for the erection of these buildings.

A large portion of the present farm is well adapted to the growth of grapes and other fruits, and, as far as the limited means at our command will permit, it is being planted and cultivated in this manner.

In the school every boy finds a home and obtains an education. Many before never enjoyed such privileges; and their improved condition and happy change are means competent to lead them to a better life.

In the kindness, faithfulness, vigilance, and example of the superintendent and teachers they find such sympathy and restraint as they never were blessed with before.

Authority blended with kindness controls the family and secures system, order, and harmony. Brotherly kindness, respect for each other, and mutual interest between both teachers and boys are expected and realized.

Thus warm attachments spring up and are cherished among all the members of a particular family; and it extends and binds in love and harmony all our families as one great household.

As a rule, no boy is discharged from the school as reformed until the superintendent honestly and conscientiously believes him to be so reformed; and that, on his return to the world, he will avoid his former associates, and strive to live up to the teaching and good example set him while in the school.

Doubtless a few do not honestly and candidly accept the conditions of true reformation and preparation for outside life as industrious, law-abiding, and God-fearing citizens.

The system of training adopted at the school, if not thoroughly reformatory in every case, for a time at least effectually restrains those who go therefrom from returning to their evil doings.

The evil in their hearts is at least for a time suppressed, if not thoroughly eradicated in some. But we confidently state that, with rare exceptions, the boys who are discharged from the school are benefited morally, intellectually, and physically from their having been there.

It is a rule to discharge no boy until he shall have been grounded at least in the rudiments of a fair English education, and it will be the rule (Congress giving us the power) to see that no one is discharged without also the foundation of a good and useful occupation.

The boys rise at 5.30 o'clock, on the ringing of the bell, 45 minutes before breakfast. Refreshed with rest on their clean and comfortable beds, after indulging in the necessary ablutions requisite to both health and comfort, they meet for the morning devotional exercises; from this to breakfast, consisting of plain, substantial, and wholesome food. After breakfast, they are assigned to their respective tasks and duties for the morning hour—one portion to the shop, another to the schools, another

to the fields when the weather permits; then to dinner, after which a reasonable time for exercise and play, then to work again; then to supper; after which an hour of play.

It is worth a visit to the school at this time to see how heartily, with one accord, they all enter into the enjoyment of their games of ball and other amusements. The evening closes, they repair to their respective school-rooms and enjoy themselves in reading and conversation, under the eye of their kind teachers, until time for retiring.

It is impossible to convey accurately in this brief report the thorough workings and management of the school; but this brief outline is given that the public may have some idea of what the life of a boy at the reform-school is.

The superintendent will at all times receive all gladly and give them every facility of seeing, inspecting, and investigating the entire workings of the institution. It is a public establishment, open at all times, within proper hours, to inspection, and we feel that the more we are known and understood, the more the good work will be appreciated.

The superintendent, teachers, matrons, and other employés of the school are entitled to our respect and confidence for the interest they have taken in the institution, and for the manner in which they have discharged their delicate and important duties. They have shown themselves fully qualified for the work, and receive (as the board well know from present inquiry) expressions of good-will and kindness from the boys under their control for the care and attention given to them. They have given evidence in more than one way of their ability and fidelity, and have shown that they are alive to the interests and well-being of the boys; and although, doubtless, sorely tried sometimes, (for with so many together it is scarcely to be expected that all shall be good,) it must be a satisfaction to them to know that their labors are appreciated by both the boys and the board. The superintendent and the teachers have always been steadfastly united with the board for the advancement of the school, and it is only just that they should be commended for the faithful discharge of their duties.

Very respectfully;

JOHN BAILEY,
*President of the Board of Trustees of the Reform-School
of the District of Columbia.*

Hon. ALPHONSO TAFT,
Attorney-General.

REFORM-SCHOOL OF THE DISTRICT OF COLUMBIA,

June 30, 1876.

To the Board of Trustees of the Reform-School:

GENTLEMEN: It becomes my duty, with the close of the fiscal year ended this day, to present to you my seventh annual report of the institution over which you exercise a guardian care.

The year has been attended with many perplexities, yet, I trust and hope, fraught with results both satisfactory to you and beneficial to the community and to the school. At the close of my last annual report there were remaining in the school 146 boys. In addition thereto 65 were received during the year on new commitment, 1 returned from ticket of leave, and 4 returned who had previously escaped, making in all 216 boys who have been in the school during the year. Of these 39 were honorably discharged, 3 were indentured, 2 died, 2 were sentenced to jail, and 11 are absent without leave; leaving, at date, 159 boy

Your attention is invited to the statements annexed hereto, showing the status of those admitted during the year, in a condensed form.

The failure in securing an appropriation for the erection of additional buildings, and for machinery, &c., and the lack of the increased facilities which would be afforded thereby, has greatly diminished our usefulness; yet I am satisfied that much good has been done. Good order has prevailed in the school, and the advancement made by the boys call for our hearty thanksgiving.

SANITARY CONDITION OF THE SCHOOL.

On the whole the health of the boys has been good, and but few cases of severe sickness have occurred. I have aimed to put in practice the adage "An ounce of prevention is worth a pound of cure," and by attention to the laws of hygiene and by a constant vigilance exercised over the boys, whether at work or play, accidents and sickness have been infrequent and the services of a physician seldom required.

It becomes my painful duty, however, to report the first deaths since the organization of the school. George H. Johnson (colored) died on September 6, 1875, of typhoid fever; and on the 3d instant, while bathing in the Eastern Branch, Phillip Hubbard (colored) was suddenly taken with cramps, and, before assistance could reach him, was drowned.

THE FARM AND GARDEN.

The returns from the farm and garden have been very satisfactory; better crops have been gathered than in any previous year, furnishing the school with an abundant supply of vegetables. The gardener reports the following to have been gathered from the land, &c.: 18 tons hay, 5 tons straw, 20 tons corn-fodder, 300 bushels oats, 1,500 bushels corn, 50 bushels beans, 150 bushels potatoes, 100 bushels rye, 1 ton broom-corn, 2,000 pounds pork, 300 pounds beef, 875 pounds veal, 1,749 bunches onions, 10 bushels onions, 1,290 heads lettuce, 555 bunches radishes, 232 bunches asparagus, 9 barrels kale, 25 bushels green peas, 6 bushels onion-sets, 2 bushels shelled peas for seed, 27 bunches rhubarb, 7,410 cucumbers, 3 barrels pickles, 740 melons, 200 dozen ears green corn, 57 bushels new potatoes, 30 bushels sweet potatoes, 7 bushels snaps, 85 bushels tomatoes, 1,207 cymings, 300 winter-squashes, 36 bushels carrots, 250 bushels turnips, 81 bushels beets, 5,969 cabbages, 730 quarts strawberries, 1,295 quarts blackberries, 28 bushels peaches, and 5 bushels cherries.

IMPROVEMENT OF GROUNDS.

The work upon the lawns, carriage-roads, walks, &c., has been a continuation of that begun last year. A class of twelve boys has been constantly employed, when the weather permitted, and as a result the surroundings of the school-buildings are being made beautiful, and the walks and approaches thereto have been so improved that the cleanliness of the boys and the buildings has been greatly increased.

THE WORKSHOPS.

The results of the labor in the shops have been as satisfactory as I could reasonably expect during such a financially close period as the year past. I have not been able to secure orders for cane-seating chairs

sufficient to keep our force constantly employed. We have, however, caned 21,587 seats, receiving therefor \$1,420.87.

Broom-making, which was introduced a short time before the close of my last report, has been prosecuted with success, and it furnishes an interesting as well as a remunerative employment for some of the larger boys; and what is learned by them here will be to their advantage in after life.

The tailor-shop, under the supervision of one lady, with an average number of 8 boys, has made and repaired all the clothes worn by the inmates.

RECEIPTS.

As will be seen by the report of the treasurer of your board, I have turned over to him \$1,328.84, which has been received by me from the following sources:

On hand from last year	\$29 35
Proceeds of stock	13 01
Old barrels	22 60
Rags	7 85
Grease	33 05
Repairing chairs	11 25
Brooms	616 23
Board	567 00
Total	1,360 34
Turned over to treasurer	1,328 84
Leaving a balance in my hands of	31 50

CONDITION OF THE SCHOOLS.

The schools are in better condition than at any former period. I have changed the hours of school from the afternoon to the morning, requiring each boy to devote three hours every week-day to study; the remainder of the day is occupied in recreation and in performing tasks which tend to strengthen the physical development of the boys. The change in hours has had a very beneficial effect.

The moral and religious instructions in the school have been well maintained. In our Sabbath-school seed is being sown which I trust will bring forth much good fruit. The close attention given to the Bible studies, as evidenced in the talks of the boys themselves in their own Sunday evening praise-meetings, promises much good, and many of the boys are endeavoring to put in practice the invaluable precepts they have there learned.

NEEDS OF THE SCHOOL.

The needs of the school are about the same as those indicated in my last annual report, though more urgent and pressing.

1. *We need fences.*—To protect the land under cultivation from depredation by roving thieves and from being run over by stray cattle, and to secure to the school all the fruits, vegetables, &c., grown thereon, it is absolutely necessary that a strong and secure fence should be erected around the grounds of this institution. Much of our fruit, &c., has been stolen from us and many of our trees and plants greatly injured in consequence of the entire absence of fences in many places, and I trust that this need, which is almost imperative, will soon be supplied. We also need material to make permanent and portable division fences.

which will enable me to use land not under actual cultivation for pasturage.

II. *We need one or two additional family buildings.*—At present we are unable to accommodate more than one-third of those who need the restraining influences of this school, and for whom admission is sought. Great embarrassment is caused by the want of proper shop-room; this work is now all performed in the main building, and the compartments so occupied are much needed for the purposes originally intended. Could a plain and inexpensive building be provided, with suitable machinery, &c., it would enable me to re-organize and perfect our system of shop-labor, and the result would be greatly advantageous and beneficial to the boys as well as profitable to the institution. All the space in the buildings being now occupied, I am precluded from establishing any additional branches of mechanical labor, and many of the boys are thereby deprived of the opportunity to become skilled laborers.

III. *A library and reading-room is greatly needed.*—But a very few books are now in the possession of the school, and they are very inferior, having been received from different sources, mostly by donation. To all youth attractive and interesting reading is advantageous, but to the class who are intrusted to the care of this institution it is absolutely necessary, and I beg to urge that some immediate provision be made for this pressing want.

Many of the most vicious boys after being in the school a comparatively short time express a wish for reading-matter, and I am pained at my inability to gratify their reasonable and praiseworthy desire. During hours allotted to recreation, and while a majority of the boys were busy with their noisy plays, I have, with feelings of admiration, often noticed some in a retired quarter intently pouring over the contents of a coverless volume or time-worn magazine; and in the absence of other resources I beg to suggest that the secretary of your board be requested to invite contributions to our school of books, &c., from the various Sunday-schools and from other associations having libraries.

IV. *We need a chapel.*—We are now obliged to assemble in the school-room in the main building, for divine worship and on all other interesting occasions, which is inconvenient. If our chapel could be furnished in a neat and suitable manner, the influence for good upon the boys would repay the expense a hundred-fold.

V. *We greatly need more cultivable land.*—All the land that is susceptible of cultivation is now in use, and with a greater quantity of arable land, which could be advantageously farmed and cultivated by the boys under proper superintendence, very much more could be produced; the school would then be enabled to sell enough to the city markets to afford a large income, sufficient of itself to soon repay the amount expended therefor.

In this connection I also beg leave to present the urgent need for a new and larger barn. The present unsightly structure is in imminent danger of tumbling down by reason of its cracked and crumbling foundation-walls, and I trust that a more substantial and larger building can be provided, which will enable me to properly house all the live stock, and to store whatever grain and produce that may be thought advisable.

VI. *I need more help.*—Some years ago estimates were given for officers and teachers, and salaries therefor, on which have been based all appropriations and allowances since made; but our school is now increased in numbers, and the services of two more teachers are necessary.

A reform school conducted on the family system, as is ours, without

surrounding walls or preventive bars, necessarily demands a greater number of tutors than institutions which are inclosed by unscalable walls, and I earnestly hope that your future recommendations for appropriations for salaries, &c., will provide for enough officers, of qualifications proper to reform-school teachers, to enable me to carry out the original design of the institution, namely: to have an "elder brother" with every twenty-five boys. Whenever a family is increased beyond this number, a divergence from the condition which would produce the most encouraging results is made.

ACKNOWLEDGMENTS.

My acknowledgments are again due in behalf of the school to the numerous friends who have visited us during the year and who have spoken words of encouragement.

To those gentlemen of the Young Men's Christian Association who have favored us with their presence from Sabbath to Sabbath I desire to express my thanks; to Mr. A. B. Greener, of Columbus, Ohio, for a weekly copy of the Ohio Statesman; to Wesley Chapel Sunday-school, through the kind solicitation of Mrs. Cohen, for seventy books.

In conclusion, I must express my hearty appreciation and thankfulness to the officers and teachers of the school, who have all cheerfully and faithfully performed their duties; and to you, gentlemen, for the confidence reposed in me, and for your efficient co-operation in all matters pertaining to the school, I beg to tender you my sincere thanks.

With devout acknowledgment to our kind Father, whose beneficence has surrounded us in the past, and trusting that we shall all be continued in His protecting care, I have the honor to be,

Very respectfully, your obedient servant,

F. W. HOWE,
Superintendent.

1. *Statement showing the ages of the boys admitted during the year.*

1 aged seven years, 1 aged eight, 2 aged nine, 11 aged ten, 3 aged eleven, 7 aged twelve, 11 aged thirteen, 14 aged fourteen, 12 aged fifteen, and 3 aged sixteen; total, 65.

2. *Statement showing cause of commitment.*

For vagrancy, 7; incorrigibility, 31; assault and battery, 1; larceny, 24; highway robbery, 1; manslaughter, 1.

3. *Statement showing by whom the boys were committed.*

By the president of the board of trustees of the Reform School, 10; by supreme court of the District of Columbia, 4; by the police court, 51.

4. *Statement of the moral and social condition of the boys admitted during the year.*

Fifty-seven had been profane, 35 used tobacco, 3 used liquor, 34 had been guilty of larceny, 10 had lost both parents, 23 had lost their father. 8 had lost their mother, and 24 have both parents living.

5. *Statement showing birth-place of boys admitted.*

District of Columbia, 27; Massachusetts, 2; New York, 1; Pennsylvania, 1; Illinois, 1; Maryland, 12; Virginia, 15; Kentucky, 1; Georgia, 1; Mississippi, 1; England, 1; Ireland, 1; Germany, 1.

6. *Statement showing parentage of boys admitted.*

American, 4; English, 2; Irish, 10; Scotch, 1; German, 5; French, 1; African, 42.

7. *Statement showing commitments during each month.*

July, 6; August, 9; September, 5; October, 3; November, 3; December, 3; January, 3; February, 3; March, 11; April, 6; May, 8; and June, 5.

TREASURER'S STATEMENT.

Receipts.

Appropriation: Superintendent, salary.....	\$1,500	
Two assistant superintendents, salaries.....	1,500	
Matron, salary.....	600	
Two teachers, salaries.....	1,200	
Medicines and physicians' fees.....	500	
Gardener, wages.....	720	
Superintendent of work-shop, wages.....	600	
Laborer, wages.....	144	
Seamstress, laundress, cook, &c., wages.....	540	
Fuel, clothing, and incidentals.....	2,696	
		\$10,000 00
District of Columbia, on account of support of inmates.....		13,049 79
F. W. Howe, superintendent, sundry receipts from sale of farm produce, board, &c.....		1,328 84
John Bailey, president, proceeds of sale of old building.....		150 00
receipts from chair-work, &c., sold.....		1,403 01
Magne & Chipman, in payment for chair-work.....		300 00
Total.....		26,231 64

Disbursements.

F. W. Howe, salary as superintendent.....	\$1,500 00
I. C. Mullin, salary as assistant superintendent.....	750 00
C. H. Johnston, salary as assistant superintendent.....	750 00
L. A. Howe, salary as matron.....	600 00
C. H. Greeley, salary as teacher.....	500 00
John Blair, salary as teacher.....	50 00
Robert Wells, salary as teacher.....	50 00
A. Anderson, salary as teacher.....	600 00
Charles A. Wells, M. D., services.....	190 00
Bowie Tyler, M. D., services.....	10 00
Charles Stott & Co., medicines, &c.....	106 92
F. W. Howe, superintendent, hospital fixtures, medicines, &c.....	193 00
F. Westby, wages as gardener.....	720 00
D. C. Mosher, wages as superintendent of work-shops.....	600 00
J. E. Graham, wages as laborer.....	120 00
J. W. Allen, wages as laborer.....	24 00
Sarah Drew, wages as seamstress.....	180 00

1876.

April 18.	F. W. Howe, superintendent, freight, &c.....	22 90
	H. L. Carlton, hay.....	124 62
	W. G. Wheatley, repairing shoes, &c.....	109 85
	Thomas Geary, carriage-hire.....	16 00
23.	F. W. Howe, superintendent, hired-labor pay-roll.....	65 50
	Anton Hitz, baker.....	25 00

1876.			
May 6.	Cottrell Brothers, lumber	\$124.29	
	L. H. Schneider, hardware	2.62	
	Meixsel & Co., broom-corn, &c.	62.10	
	B. W. Reed's Sons, groceries	200.95	
	J. C. Wiswall & Co., cloth	40.50	
	Hall & Hume, groceries	402.50	
	William R. Riley, dry goods	75.35	
	James E. Trott, hats	75.25	
	Thomas H. Joy, beef	146.00	
	F. W. Howe, superintendent, freight, &c.	45.67	
	William M. Galt & Co., flour	237.64	
29.	F. W. Howe, superintendent, hired-labor pay-roll	20.00	
	Anton Hitz, baker	25.00	
June 5.	Hall & Hume, groceries	215.71	
	Kaspar Kneessi, repairing harness	25.75	
	Lauxman & Long, blacksmithing	22.20	
	William Ballantyne, stationery	16.25	
	Thomas H. Joy, beef	146.00	
	William M. Galt & Co., flour	229.75	
	Webb & Beveridge, glassware	20.00	
	H. L. Carlton, meal, &c.	5.10	
	B. W. Reed's Sons, groceries	211.70	
	Meixsel & Co., broom-corn	62.25	
	J. C. Wiswall & Co., cloth	20.70	
	Petty & Harvey, hats	4.00	
	William R. Riley, dry goods	57.25	
28.	F. W. Howe, superintendent, hired-labor pay-roll	62.70	
	Lauxman & Long, blacksmithing	24.00	
	Anton Hitz, baker	25.00	
	B. W. Reed's Sons, groceries	10.00	
Total disbursements		26,221.40	
1875.			
	Emma Smith, wages as chambermaid	13.00	
	Mary Casey, wages as laundress	13.00	
	Mary Kunst, wages as cook	15.00	
	Anna Redding, wages as cook	10.00	
	Victoria Corsman, wages as cook	10.00	
July 30.	Charles Thomas, on account of bread	25.00	
	F. W. Howe, superintendent, hired-labor pay-roll	35.00	
Aug. 13.	B. W. Reed & Sons, groceries	142.00	
	Washington Gas Light Co., gas	25.00	
	Hall & Hume, groceries	57.00	
	H. L. Carlton, provisions	9.00	
	W. R. Riley, dry goods	75.00	
	John S. Killman, coal	100.00	
	Thomas C. Bashore & Co., steam-pumps	30.00	
	Wm. M. Gault, flour	32.00	
	A. Nailor, jr., carriage-hire	1.00	
	Webb & Beveridge, crockery	11.00	
	John A. Baker, hardware	12.00	
	Kasper Kneessi, repairing harness	12.00	
	W. D. Wyvill, pipe	15.00	
	William Ballantyne, stationery	1.00	
	Lauxman & Long, blacksmithing	15.00	
	Lewis Baar, sewing-machine repairs	14.00	
14.	Thomas H. Joy, beef	144.00	
	F. W. Howe, superintendent, sundry expenditures	3.00	
30.	F. W. Howe, superintendent, hired-labor pay-roll	212.00	
Sept. 11.	Robert Ball, shoes	27.00	
	B. W. Reed & Sons, groceries	27.00	
	H. L. Carlton, breadstuffs	15.00	
	William R. Riley, dry goods	15.00	
	Hall & Hume, groceries	25.00	
	Charles Thomas, on account of bread	1.00	
	George Ryneal, jr., paint, &c.	1.00	
	Petty & Harvey, hats	12.00	
	Thomas H. Joy, beef	2.00	
15.	F. W. Howe, superintendent, freight, &c.	2.00	

1875.			
Sept. 15.	John A. Baker, cement, &c.....	\$19	55
	William Ballantyne, stationery.....	14	59
	Kaspar Kneessi, harness, &c.....	14	50
	Washington Gas-Light Company, gas.....	27	50
	L. H. Schneider, hardware.....	5	72
	Lauxman & Long, blacksmithing.....	17	60
16.	William M. Gault, flour.....	193	75
29.	F. W. Howe, superintendent, hired-labor pay-roll.....	55	50
	Charles Thomas, account bread.....	25	00
Oct. 7.	F. W. Howe, superintendent, sundries.....	22	15
	B. W. Reed & Sons, groceries.....	153	81
	Lauxman & Long, blacksmithing.....	20	12
	William M. Galt, flour.....	186	75
	J. C. Wiswall & Co., cloth.....	72	10
	Perry & Bro., shirting.....	60	05
	Hall & Hume, groceries.....	255	28
	Washington Gas-Light Company, gas.....	40	00
	William R. Riley, dry goods.....	17	50
	C. Beach, portrait of N. A. Sargent.....	32	00
	A. Nailor, jr., carriage-hire.....	18	00
	Robert Ball, shoes.....	234	15
	Henry Lee's Sons, funeral expenses of boy.....	30	00
	Thomas H. Joy, beef.....	127	71
	James E. Trott, Baltimore, caps.....	77	00
19.	Richard Morgan, cutting and setting stone.....	466	33
28.	F. W. Howe, superintendent, hired-labor pay-roll.....	55	50
	Charles Thomas, bread.....	25	00
Nov. 4.	H. L. Carlton, breadstuff, &c.....	117	50
	William R. Riley, dry goods.....	237	41
	George Ryneal, jr., paints, glass, &c.....	44	58
	Kaspar Kneessi, repairing harness, &c.....	9	75
	Robert Ball, shoes.....	17	60
	Washington Gas-Light Company, gas.....	45	00
	F. W. Howe, superintendent, freight, &c.....	18	95
	Lauxman & Long, blacksmithing.....	20	07
	Perry & Bro., cloth.....	26	25
	B. W. Reed & Sons, groceries.....	201	75
	Webb & Beveridge, queensware.....	25	20
	William M. Galt & Co., flour.....	124	50
	A. Nailor, jr., carriage hire.....	15	00
	Hall & Hume, groceries.....	304	41
8.	Lewis Baar, needles, &c.....	3	70
	Gray & Noyes, plumbing.....	62	03
	William Ballantyne, stationery.....	11	55
	John A. Baker, tools, seed, &c.....	64	72
	Thomas H. Joy, beef.....	139	05
20.	John S. Killman, coal.....	2, 103	75
27.	F. W. Howe, superintendent, hired-labor pay-roll.....	55	50
	Charles Thomas, baker.....	25	00
	William M. Galt & Co., flour.....	247	50
	B. W. Reed's Sons, groceries.....	246	15
	F. W. Howe, superintendent, sundries.....	27	16
	Thomas H. Joy, beef.....	148	48
	H. L. Carlton, breadstuff.....	26	25
Dec. 8.	Lauxman & Long, blacksmithing.....	36	98
	Hall & Hume, groceries.....	255	07
	Robert Ball, shoes.....	5	70
	W. D. Wyvill, stove, &c.....	46	00
	James E. Johnson, repairing shoes.....	39	00
	J. H. Crane, potatoes.....	163	00
21.	C. Jarrett, laying brick, &c.....	72	00
27.	F. W. Howe, superintendent, hired-labor pay-roll.....	55	50
	Charles Thomas, baker.....	25	00
1876.			
Jan. 10.	L. H. Schneider, hardware.....	7	22
	K. Kneessi, repairing harness.....	41	95
	William M. Galt & Co., flour.....	181	25
	B. W. Reed's Sons, groceries.....	188	96
	William Ballantyne, stationery, &c.....	55	13
	Robert Ball, shoes.....	17	00

1876.		
Jan. 10.	Charles Kernan, laying brick	\$12 00
	Thomas H. Joy, beef.....	119 50
	Webb & Beveridge, crockery, &c.....	20 25
	John A. Baker, lines, &c.....	27 10
	William R. Riley, dry goods	350 00
	Washington Gas-Light Company, gas	6 00
	F. W. Howe, superintendent, sundries	38 70
	James E. Johnson, repairing shoes	61 75
	Charles Stott & Co., medicines	14 00
	Potomac Terra Cotta Company, pipe	50 00
	A. Falconer, carpenter-work	336 00
	Cottrell Brothers, lumber	219 00
28.	F. W. Howe, superintendent, hired-labor account.....	65 00
	Charles Thomas, baker	25 00
Feb. 14.	William R. Riley, dry goods	297 50
	F. W. Howe, superintendent, freight, &c.....	27 50
	B. W. Reed's Sons, groceries	220 10
	Lauxman & Long, blacksmithing.....	19 15
	James E. Johnson, repairing shoes	22 50
	H. L. Carlton, breadstuff, &c.....	130 00
	Thomas H. Joy, beef	153 00
	Hall & Hume, groceries	220 00
29.	F. W. Howe, superintendent, hired-labor pay-roll.....	61 00
	Charles Thomas, baker	25 00
Mar. 7.	John A. Baker, hardware	43 00
	W. G. Wheatley, repairing shoes.....	90 00
	Olcott & Sons, carriage-hire	10 00
	Thomas H. Joy, beef.....	130 00
	B. W. Reed's Sons, groceries	217 10
	William R. Riley, dry goods.....	297 50
	William M. Galt & Co., flour	220 00
	Hall & Hume, groceries	100 00
	F. W. Howe, superintendent, freight, &c.....	17 00
	Lauxman & Long, blacksmithing.....	33 00
31.	F. W. Howe, superintendent, hired-labor pay-roll.....	61 00
	Anton Hitz, baker	25 00
	Meixsel & Co., broom-corn, &c.....	50 00
April 6.	Francis Mohun & Co., lumber	45 00
	Charles G. Ball, chimney-cap, &c.....	30 00
	L. C. Campbell, hardware.....	60 00
	George Ryneal, jr., glass, oils, &c.....	4 00
	W. D. Wyvill, grates, &c.....	115 00
	John A. Baker, broom-corn, &c.....	120 00
	William M. Galt & Co., flour.....	220 00
	Hall & Hume, groceries	320 00
	B. W. Reed & Sons, groceries	191 00
	Robert Ball, shoes.....	12 00

EXHIBIT M.

To ———, Esq.,
United States Marshal for the District of ———.

SIR: The laws of the United States having made it my duty to exercise general direction over marshals in the manner of discharging their offices, I have prepared for their use this circular-letter of instructions as to the coming elections, intending the same also as a reply, once for all, to numerous applications, in like connection, from private citizens in various States.

In the present condition of legislation, the United States occupy a position toward voters and voting which varies according as the election is for State and other local officers only, or for members of Congress and presidential electors.

In elections at which members of the House of Representatives are chosen, which by law include also elections at which the electors for

President and Vice-President are appointed, the United States secure voters against whatever in general hinders or prevents them from a free exercise of the elective franchise, extending that care alike to the *registration-lists, the act of voting, and the personal freedom and security of the voter at all times as well against violence on account of any vote that he may intend to give as against conspiracy because of any that he may already have given.*

The peace of the United States, therefore, which you are to preserve, and whose violation you are to suppress, precedes as well as follows such elections, and protects (among others) the rights specified in the last paragraph, so that any person who by force violates those rights breaks that peace, and renders it your duty to arrest him, and to suppress any riots incident or that threaten the integrity of the registration or election, to the end that the will of the people in such election may be ascertained and take effect, and that offenders may be brought before the courts for punishment.

Notorious events in several States, which recently and in an unusual manner have been publicly reprobated, render it a grave duty of all marshals who have cause to apprehend a violation of the peace of the United States connected as above with the elections to be held upon the Tuesday after the first Monday in November next, to be prepared to preserve and to restore such peace.

As the chief executive officer of the United States in your district, you will be held responsible for all breaches of the peace of the United States which diligence on your part might have prevented, and for the arrest and securing of all persons who violate that peace in any of the points above enumerated.

Diligence in these matters requires, of course, that you be and continue present in person or by deputy at all places of registration or election at which you have reason to suspect that the peace is threatened; and that whenever an embodiment of the *posse comitatus* is required to enforce the law, such embodiment be effected.

You will observe that the "special" deputies mentioned in section 2021 of the Revised Statutes have *peculiar* duties assigned to them, duties which otherwise do not belong to deputy marshals. Such "special" deputies can be appointed only in cities of twenty thousand inhabitants or upwards.

But the duties assigned to marshals and their deputies by section 2022, or other like statutes, belong to all duly-appointed deputies, whether they be general or be "*special*" within the meaning of that and the preceding section. Deputies to discharge this latter class of duties may be appointed to any number whatever, according to the discretion of the marshal, in all States in which sheriffs have a similar power. Section 2030 has no practical bearing upon this point in States where no limit is imposed upon the appointment of deputies by sheriffs, because in such States the laws of the United States "prior to the 10th of June, 1872," left marshals also unlimited as to the number of their deputies.

In discharging the duties above mentioned, you will doubtless receive the countenance and support of all the good citizens of the United States in your respective districts. It is not necessary to say that it is upon such countenance and support that the United States mainly rely in their endeavor to enforce the right to vote which they have given or have secured. The present *instructions* are intended only to counteract that partial malice, wrongheadedness, or inconsideration which sometimes triumphs at critical moments over the conservative and, in general, prevailing forces of society, and to which the present and *passing* con-

dition of the country gives more than ordinary strength, and therefore requires the Government particularly to observe and provide against.

In this connection I advise that you and each of your deputies, general and "special," have a right to summon to your assistance, in preventing and quelling disorder, "every person *in the district* above fifteen years of age, whatever may be their occupation, whether civilians or not, and including the military of all denominations, militia, soldiers, marines, all of whom are alike bound to obey you. The fact that they are organized as military bodies, (whether of the State or of the United States,) under the immediate command of their own officers, does not in any wise affect their legal character. They are still the *posse comitatus*." I prefer to quote the above statement of the law upon this point from an opinion by my predecessor, Attorney-General Cushing, because it thus appears to have been well settled for many years. (6 *Opinions*, 466, May 27, 1854.)

I need hardly add that there can be no State law or State official in this country who has jurisdiction to oppose you in discharging your official duties under the laws of the United States. If such interference shall take place—a thing not anticipated—you are to disregard it entirely. The laws of the United States are *supreme*, and so, consequently, is the action of officials of the United States in enforcing them. There is, as virtually you have already been told, no officer of a State whom you may not by summons embody into your own posse; and any State posse already embodied by a sheriff will, with such sheriff, be obliged, upon your summons, to become part of a United States posse, and obey you or your deputy acting *virtute officii*.

The responsibility which devolves upon an officer clothed with such powers, and required to guard the highest right of citizens, corresponds in degree with those powers and rights, and exacts of such officer consideration, intelligence, and courage.

It is proper to advise you that in preparing this circular I have considered recent important judgments given by the Supreme Court of the United States upon the acts of Congress which regulate this general topic.

I have founded the above instructions upon those acts as affected by such judgments, and I need in this place add no more than that these judgments do not concern elections for Federal offices.

You will find appended, in full or by reference, such statutory provisions as it seems important that you and your deputies shall in this connection read and consider.

In matters of doubt you are, of course, entitled to the advice of the United States attorneys for your district.

These instructions have been submitted to the President, and have his approval.

Very respectfully, your obedient servant,

_____,
Attorney-General.

SEC. 2004. All citizens of the United States who are otherwise qualified by law to vote at any election by the people in any State, Territory, district, county, city, parish, township, school-district, municipality, or other territorial subdivision, shall be entitled and allowed to vote at all such elections, without distinction of race, color, or previous condition of servitude; any constitution, law, custom, usage, or regulation of any State or Territory, or by or under its authority, to the contrary notwithstanding.

SEC. 2021. Whenever an election at which Representatives or Delegates in Congress are to be chosen is held in any city or town of twenty thousand inhabitants or upward, the marshal for the district in which the city or town is situated shall, on the application, in writing, of at least two citizens residing in such city or town, appoint special deputy marshals, whose duty it shall be, when required thereto, to aid and assist the supervisors of election in the verification of any list of persons who may have registered or voted; to attend in each election-district or voting-precinct at the times and places fixed for the registration of voters, and at all times and places when and where the registration may by law be scrutinized, and the names of registered voters be marked for challenge; and also to attend, at all times for holding elections, the polls in such district or precinct.

SEC. 2022. The marshal and his general deputies, and such special deputies, shall keep the peace, and support and protect the supervisors of election in the discharge of their duties, preserve order at such places of registration and at such polls, prevent fraudulent registration and fraudulent voting thereat, or fraudulent conduct on the part of any officer of election, and immediately, either at the place of registration or polling-place, or elsewhere, and either before or after registering or voting, to arrest and take into custody, with or without process, any person who commits, or attempts or offers to commit, any of the acts or offenses prohibited herein, or who commits any offense against the laws of the United States; but no person shall be arrested without process for any offense not committed in the presence of the marshal or his general or special deputies, or either of them, or of the supervisors of election, or either of them, and, for the purposes of arrest or the preservation of the peace, the supervisors of election shall, in the absence of the marshal's deputies, or, if required to assist such deputies, have the same duties and powers as deputy marshals; nor shall any person, on the day of such election, be arrested without process for any offense committed on the day of registration. [See §§ 5521, 5522.]

SEC. 2023. Whenever any arrest is made under any provision of this title, the person so arrested shall forthwith be brought before a commissioner, judge, or court of the United States for examination of the offenses alleged against him; and such commissioner, judge, or court shall proceed in respect thereto as authorized by law in case of crimes against the United States.

SEC. 2024. The marshal, or his general deputies, or such special deputies as are thereto specially empowered by him, in writing, and under his hand and seal, whenever he or either or any of them is forcibly resisted in executing their duties under this title, or shall, by violence, threats, or menaces, be prevented from executing such duties, or from arresting any person who has committed any offense for which the marshal or his general or his special deputies are authorized to make such arrest, are, and each of them is, empowered to summon and call to his aid the by-standers or *posse comitatus* of his district.

SEC. 5505. Every person who, by any unlawful means, hinders, delays, prevents, or obstructs, or combines and confederates with others to hinder, delay, prevent, or obstruct any citizen from doing any act required to be done to qualify him to vote, or from voting at any election in any State, Territory, district, county, city, parish, township, school-district, municipality, or other territorial subdivision, shall be fined not less than five hundred dollars, or be imprisoned not less than one month nor more than one year, or be punished by both such fine and imprisonment.

See §§ 2004-2010.]

SEC. 5507. Every person who prevents, hinders, controls, or intimidates another from exercising, or in exercising the right of suffrage to whom that right is guaranteed by the fifteenth amendment to the Constitution of the United States, by means of bribery or threats of depriving such person of employment or occupation, or of ejecting such person from a rented house, lands, or other property, or by threats of refusing to renew leases or contracts for labor, or by threats of violence to himself or family, shall be punished as provided in the preceding section.

SEC. 5508. If two or more persons conspire to injure, oppress, threaten, or intimidate any citizen in the free exercise or enjoyment of any right or privilege secured to him by the Constitution or laws of the United States, or because of his having so exercised the same; or if two or more persons go in disguise on the highway, or on the premises of another, with intent to prevent or hinder his free exercise or enjoyment of any right or privilege so secured, they shall be fined not more than five thousand dollars and imprisoned not more than ten years; and shall, moreover, be thereafter ineligible to any office, or place of honor, profit, or trust created by the Constitution or laws of the United States. [See § 5407.]

The attention of the marshal and his deputies is also called to the other sections of Title XXVI of the Revised Statutes, beginning on page 353, and to Chapter VII of Title LXX, beginning on page 1073.

Section 5522 of the Revised Statutes of the United States was also printed *in extenso* in the circular-letter which was transmitted to the United States marshals.

EXHIBIT N.

DEPARTMENT OF JUSTICE,

Washington, September 18, 1876.

To ———, Esq.,

United States Attorney for the District of ———.

SIR: On the 14th instant I transmitted for your information a circular recently forwarded to the marshal of your district.

You will regard it as in some degree addressed to yourself, and as calling attention to your own correlative official duties in regard to its subject-matter.

You will be expected heartily to co-operate in its purpose of preventing the application of illegal force to persons in their character of voters in elections for Federal officers. Such force is alike to be suppressed whether those who practice it are private citizens or assume to be authorized by official power, be it State or national.

Enough has been said in the circular referred to as to such force in general, and in the same connection you will be especially careful that the marshal and his deputies are well informed of what is required by their duty as well to the public as to the party arrested, both in making arrest, whether with or without process, and in dealing with such party after arrest.

Very respectfully,

Attorney-General.

EXHIBIT D.

Detailed statement of the appropriation for contingent expenses.

There was expended during the fiscal year ending June 30, 1876:

For furniture and repairs.....	\$1,191 0-
For care and subsistence of horses	964 75
For repairs to carriages and harness.....	385 75

For law and miscellaneous books for the library of the Department.....	\$2,999 77
For law and miscellaneous books for the office of the Solicitor of the Treasury.....	500 00
For stationery	2,242 62
For express	39 75
For newspapers	75 85
For ice	230 86
For 1 carriage	650 00
For portraits	1,206 00
For labor	1,266 42
For telegraphing.....	1,705 88
For miscellaneous expenses, such as fuel, lights, traveling, &c.....	1,623 26
	<hr/> 15,112 03

Statement showing items, amounts, and causes of expenditures of appropriation for contingent expenses Department of Justice, for the fiscal year ending June 30, 1876.

1875.

July 9.	Keyes & Co. :		
	Livery in July, 6 days		\$18 00
	Robert Beall :		
	Encyclopedia Britannica, 2 vols	\$11 00	
	Redfield on Surrogate	7 00	
	Office of Solicitor of Treasury		18 00
	Robert Beall :		
	10 packages envelopes	4 50	
	Stamping same, and stamping 10 quires paper	8 00	
			12 50
10.	The Evening Post :		
	Subscription 1 year for office Solicitor of Treasury		9 00
	New York Tribune :		
	Subscription 1 year for office Solicitor of Treasury		10 00
	J. G. Weaver :		
	Covering 2 tables	7 50	
	Repairs to 3 desks	15 00	
	Repairs to 8 chairs	10 00	
	Moving and repairs to furniture	14 00	
	Covering and repair 1 desk	12 50	
			59 00
	J. G. Weaver :		
	Taking up and cleaning 18 carpets		63 00
14.	G. N. Rider :		
	Appleton's Cyclopeda, 2 vols		12 00
15.	John Quinn :		
	Hauling books		5 00
24.	G. N. Rider :		
	Appleton's Cyclopeda, 2 vols., for office of Solicitor of Treasury ..		14 00
	J. G. Weaver :		
	Caning and repairing 3 chairs	\$4 50	
	Making 1 library-case	60 00	
	Covering 2 desks	6 25	
	Mending four step-ladders for office of Solicitor of Treasury	2 00	
			72 75
27.	H. Baumgarten :		
	Repairing stamp		1 00
	Perry & Brother :		
	1 dozen towels for office of Solicitor of Treasury		6 00
31.	George Wilkeson ;		
	Salary for driving Department carriage, July		70 00

6 D J

1875.			
July 31.	Mary Harrison :		
	Cleaning, &c., office of Solicitor of the Treasury, and washing towels, July	\$21 25	
31.	Hiram Michaels :		
	Money expended for use of office Solicitor of Treasury for street-car tickets, soap, brooms, &c., July	4 62	
	Chronicle Publishing Company :		
	Subscription, July	50	
Aug. 2.	Washington Gas-Light Company :		
	Gas, July	9 50	
	Bogan & Wylie :		
	189½ yards cambric, black	28 43	
	Maria Oden :		
	Washing towels one month	4 00	
4.	Treecy Belvidge :		
	Washing towels one month for office of Solicitor of Treasury	4 94	
	Mrs. C. W. Bonney :		
	1 Legacy of Historical Gleanings	10 00	
	J. H. Brooke :		
	Soap, \$1.14 ; matches, 50 cents ; dusters and brooms, 11.50 ; tacks, 20 cents	12 34	
	E. Morrison :		
	1 ream manila	\$7 20	
	1 ball twine	30	
			7 50
	Jas. L. Harmon :		
	Subscription to Baltimore Sun, July	55	
	Adams Express Company :		
	Freight on one parcel to New York	5	
5.	Wm. Ballantyne :		
	4 dozen sheets blotter \$2 ; 6 penholders, \$1.12	\$3 12	
	100 envelopes, 70 cents ; 6 blotting-pads, 25 cents	95	
	1 gross pens	65	
	8 gross pens	5 20	
	2 gross pens, \$1.30 ; 12 press-books, \$19.20	20 50	
	1 eraser, 85 cents ; 12 folders, \$4.25	5 10	
	12 weights, \$2 ; 12 bottles mucilage, 85 cents	2 85	
	6 dozen sheets blotting, \$3 ; 2 gross pens, 96 cents	3 96	
	500 envelopes for office Solicitor of Treasury	2 75	
			45 3
6.	J. G. Weaver :		
	Fixing two windows and ropes	3	
	J. G. Weaver :		
	62 file-boxes for office Solicitor of Treasury	40 5	
	J. G. Weaver :		
	Making two case-doors	\$10 00	
	Mending one chair	75	
	Mending one lounge	2 00	
	Mending one umbrella-stand	50	
			12 5
7.	W. Nailor :		
	Livery of three horses 1 month	75 1	
	R. Beall :		
9.	1 railroad-guide for office of Solicitor of Treasury	50	
	R. Beall :		
	1 great gross bands, \$2 ; 1 gross bands, 75 cents	\$2 75	
	2 baskets	3 00	
	½ dozen press-books	10 00	

1875.

Aug. 9.	1/2 dozen erasers.....	\$3 25	
	2 dozen sheets blotting, \$2; 1/2 ream cap, \$4.....	6 00	
	1 dozen blotting-pads, \$1.20; 1/2 dozen mucilage, \$1.50....	2 70	
	1 box pens, \$1.25; 1 dozen rolls pins, \$1.25.....	2 50	
	2 dozen pencils for office of Solicitor of Treasury.....	2 00	
			\$32 20
	Adams Express Company:		
	Charge on 1 package to New York.....		40
	Atlantic and Pacific Telegraph Company:		
	Telegraphing.....		1 12
12.	Solomons & Chapman:		
	1 dozen sponge-cups.....	\$0 93	
	2 gross pens.....	2 00	
	10 reams letter.....	33 00	
	10 reams letter.....	46 00	
	1 rule.....	50	
	4 gross bands.....	1 50	
	2 gross pens.....	1 00	
	1 pen.....	1 00	
	2 dozen pencils for office of Solicitor of Treasury.....	1 80	
			87 73
	Dempsey & O'Toole:		
4.	1 diary.....	\$3 00	
	2 gross pens.....	1 20	
	1/2 dozen blotters.....	25	
	8 1/2 spools tape.....	36 05	
	1 dozen inkstands.....	14 00	
	5 dozen taste.....	5 65	
	1/2 ream cap.....	2 50	
	1 dozen erasers.....	4 00	
	1 dozen tablets.....	1 60	
			68 25
18.	F. W. Letmate:		
	Repairing 2 ice-pitchers.....		1 25
20.	Western Union Telegraph Company:		
	Telegraphing for office Solicitor of the Treasury, July.....		35 23
	Telegraphing for office of Attorney-General, July.....		45 35
26.	Solomons & Chapman:		
	15 gross pens.....	\$10 80	
	1 pair shears, \$1.20; 2 gross pens.....	3 40	
	2 boxes fasteners.....	46	
	1/2 dozen papers pins, 35 cents; 1/2 dozen taste, \$1.20.....	1 55	
	4 gross bands, \$2.60; 1 1/4 dozen spools tape, \$6.13.....	8 73	
	1 1/2 dozen blotters, \$1.67; 1 1/2 dozen blotters, \$3.03.....	4 70	
	1,000 envelopes.....	2 85	
	2 dozen solid memoranda, \$5.25; 2 holders, 50 cents.....	5 75	
	2 gross pens.....	1 00	
			38 44
23.	J. W. McKnight & Company:		
	To re-upholstering and covering with leather, 1 sofa and 7 chairs.....		\$100 00
27.	Adams Express Company:		
	Charges on packages from New Orleans.....		50
	J. Herbert:		
	Hauling 1 load of books.....		50
31.	George Wilkinson:		
	For driving Department carriage from August 1 to 31, 1875.....		70 00
	Treecy Belvidge:		
	Washing towels for office of Solicitor of Treasury, August.....		57
	Hiram Michaels:		
	For money expended during August for the use of office		
	Solicitor of the Treasury, for 1 gas-lighter.....	\$2 00	
	1 box tapers.....	60	
	car-tickets.....	1 35	
	1 brush and comb.....	2 00	
			5 95

1875. Aug. 31.	Mary Harrison :		
	Cleaning, &c., rooms of the office of Solicitor of Treasury, August.	\$20 00	
	Chronicle Publishing Company :		
	Subscription, August.....		50
	Maria Oden :		
	Washing towels, 1 month.....		4 00
Sept. 1.	Adams Express Company :		
	Charges on package from New York.....		50
	J. H. Brooke :		
	$\frac{1}{2}$ a chamois.....	\$5 00	
	3 sponges.....	1 60	
	2 packages matches.....	50	
			5 10
1.	Solomons & Chapman :		
	5 reams cap.....	32 50	
	1 ream letter.....	6 50	
	4 reams letter.....	26 00	
	1 pair shears.....	1 50	
			66 50
2.	A. Brown :		
	Shoeing horses.....		13 00
2.	Washington Gas-Light Company :		
	Gas, August.....		13 25
7.	Atlantic and Pacific Telegraph Company :		
	Telegraphing, office Solicitor of Treasury.....		50
7.	W. Nailor :		
	Livery of 3 horses, 1 month.....		75 00
9.	Western Union Telegraph Company :		
	Telegraphing, August.....		11 35
	Telegraphing for office Solicitor of the Treasury, August.....		16 27
11.	R. Beall :		
	$\frac{1}{2}$ doz. inkstands, \$3.50; 2 quarts mucilage, \$2.50.....	\$6 00	
	1 box pens, \$1.50; 1 blotter, \$1.50.....	3 00	
	6 quarts ink.....	3 50	
	1 calendar.....	1 00	
	2 rulers.....	1 50	
	1,000 envelopes.....	4 50	
			19 50
	Adams Express Company :		
	Charges on package.....		75
14.	A. J. Joyce :		
	Swingletree, \$1.50; 1 bolt, 13 cents.....	\$1 63	
	Drilling tire and bolt, 25 cents; 1 shackle-bolt, 25 cents.....	50	
	Setting 4 tires, \$5; 7 tire-bolts, 88 cents.....	5 88	
	1 bolt, 25 cents; washers on bolt, 25 cents.....	50	
	Screwing on tree-plate.....	25	
	Overhaul, screwing up bolts, &c.....	1 00	
	Swingletree-bolt, 50 cents; 1 bolt, 50 cents.....	1 00	
	46 new spokes, \$18.40; 1 rim, \$3; setting tires, \$5.....	26 40	
	5 bolts, 63 cents; new swingletree-bolt, 50 cents; 1 bolt and nut, 25 cents.....	1 38	
	Wedge 2 axle-boxes, \$1; 1 shaft, \$2.50; 2 bolts and nuts, 50 cents.....	4 00	
	New trimming, body, complete.....	130 00	
	Covering dash.....	7 50	
	Trimming shafts.....	3 50	
	Rubbing down, painting, &c.....	40 00	
	Oiling and washer axles.....	1 00	
			224 34
Sept. 15.	David Thomson :		
	Expenses from Washington to Long Branch, on official business, and return.....		2 17

1875.
Sept. 16.

J. W. Boteler & Brother:

1 dnster.....	\$2 00	
1 chamois skin.....	1 00	
1 bucket.....	1 25	
3 dozen towels.....	27 00	
12 bottles cleanser.....	6 00	
6 packages blacking.....	60	
1 bristle-brush.....	1 25	
1 ice-pitcher.....	15 00	
		<hr/>
		\$54 10

22. Adams Express Company:

Charges on 5 boxes from New York.....	4 40
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30. Maria Oden:

Washing towels 1 month.....	4 00
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Chronicle Publishing Company:

Subscription 1 month.....	50
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George Wilkeson:

For driving Department carriage, September.....	70 00
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H. Michaels:

Express.....	\$0 40	
Spirits ammonia and muriatic acid.....	30	
2 buckets.....	2 25	
Street-car tickets.....	1 00	
$\frac{1}{2}$ gross matches.....	88	
(Office Solicitor of Treasury)		<hr/>
		4 83

Treecy Belvidge:

Washing 8 $\frac{1}{2}$ towels, September, (office Solicitor of Treasury)....	6 44
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Mary Harrison:

Cleaning, &c., office of Solicitor of Treasury, September.....	20 00
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Henry Coleman:

Washing towels, quarter ending October 1.....	24 00
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Oct. 1. C. G. Thorn:

1 shade.....	\$4 00	
1 chimney.....	25	
		<hr/>
		4 25

2. J. G. Weaver:

Making 1 desk.....	\$150 00	
Repairing 1 chair.....	1 50	
		<hr/>
		151 50

J. G. Weaver:

Repairing furniture.....	5 75
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J. G. Weaver:

Cleaning and putting down carpets, office Solicitor of Treasury..	29 00
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Putting down carpets, office of Attorney-General.....	54 00
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4. J. H. Brooke:

2 dusters.....	9 50
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5. Washington Gas-Light Company:

Gas, September.....	13 00
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5. Solomons & Chapman:

6 inkstands.....	\$2 70	
2 dozen pencils, \$1.80; 6 copying pencils, \$1.50.....	3 30	
3 reams letter.....	13 50	
1 pincushion, 25 cents; 2 ink-extractors, 20 cents.....	45	
2 ink vents.....	40	
2 dozen holders.....	1 00	
$\frac{1}{2}$ dozen holders.....	2 00	
$\frac{1}{2}$ dozen pencils.....	35	
1 pen.....	1 25	
1 dozen pencils, \$1; 2 balls twine, 60 cents.....	1 60	
		<hr/>
		26 55

Marshall Steele:

2 dusters.....	4 00
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1875.	
Oct. 6.	Great Falls Ice Company:
	Ice 3 months..... \$63 55
7.	Atlantic and Pacific, and Franklin Telegraph Company:
	Telegraphing..... 50
	Telegraphing..... 3 91
	Washington Nailor:
	Livery of 3 horses one month 75 00
	Fosberg & Kahlert:
	Repairing fresco..... \$5 00
	Painting screen..... 2 00
	7 00
8.	W. H. Dempsey:
	7½ thousand envelopes..... \$37 94
	2 dozen red and blue pencils..... 2 40
	5 reams paper..... 25 00
	65 34
9.	Robert Beall:
	1 gross bands..... 1 00
	J. C. Hogan:
	Taking down 31 awnings..... 15 50
11.	Adams Express Company:
	Charges on box from New York 4 40
12.	A. J. Joyce:
	To fine quarter-panel carriage..... 60 00
14.	James Wight:
	10 reams letter..... \$63 00
	10 reams note..... 37 50
	printing and ruling above..... 20 00
	5 dozen ink..... 25 00
	½ dozen ink..... 1 67
	2 bottles ink..... 80
	500 envelopes and 1 ream note..... 6 50
	154 45
	David Lyon:
	2 boxes pens..... 5 00
25.	New York Tribune:
	Subscription one year 12 00
	Atlantic and Pacific, and Franklin Telegraph Company:
	Telegraphing..... 90
	Columbia Railway Company:
	Car-tickets..... 3 00
	Metropolitan Railroad Company:
	Car-tickets..... 6 00
	Washington and Georgetown Railway Company:
	Car-tickets..... 6 00
	Western Union Telegraph Company:
	Telegraphing, September..... 70 60
	Telegraphing for office of Solicitor of Treasury..... 75 60
29.	W. F. Ross:
	Hauling two loads books..... 4 00
	George W. Paschal:
	1 copy Paschal's Digest..... 15 00
30.	R. Beall:
	Adams's Memoirs..... 5 00
	George Wilkeson:
	For driving Department carriage, October..... 70 00
	Chronicle Publishing Company:
	Subscription..... 50
Nov. 1.	J. F. Stone:
	Shoeing horses..... 5 00

1675.
Nov. 1.

Jos. Bushman :

For treatment of horses, &c..... \$12 00

F. A. Fill & Co. :

5-quire record..... 1 50

H. Michaels :

For money expended for use of office Solicitor of
Treasury :

Express..... \$0 50

Car-tickets..... 2 00

Brooms..... 90

Registered letter..... 10

Duster..... 2 40

5 90

Treecy Belvidge :

To sweeping rooms and washing towels for office Solicitor of
Treasury, October..... 10 46

Mary Harrison :

Cleaning and sweeping in office Solicitor of Treasury, October ... 20 00

Maria Oden :

Washing towels, 1 month..... 4 00

J. H. Brooks :

2 packages matches..... \$0 50

bran, 35 cents; oatmeal, 35 cents..... 70

half gallon tar, 50 cents; salt, 30 cents; vinegar, 35 cents 1 05

jug and pan..... 50

2 75

2. A. Brown :

Shoeing horses..... 9 50

3. J. L. Harmon :

Subscription to Baltimore Sun..... 1 65

R. Beall :

Austin's Jurisprudence..... \$3 00

Bigelow on Torts..... 7 50

Sherman's Raids..... 2 00

12 50

R. Beall :

3 bottles ink, \$1.10; 1 pass-book, 50 cents; 1 dozen rolls
pins, \$1.25..... \$2 85

1 box pens, \$1; 1 box pens, \$1.50; 2 rolls tape, \$1.50 4 00

5 quires note, \$1; 6 packages envelopes 2 35

1 dozen pencils..... 1 75

1 great gross bands..... 3 00

1,100 envelopes..... 1 25

15 20

5. Atlantic and Pacific, and Franklin Telegraph Company :

Telegraphing..... 50

Telegraphing..... 1 17

Telegraphing, for office Solicitor of Treasury.... 4 91

6. Southern and Atlantic Telegraph Company :

Telegraphing, for office Solicitor of Treasury..... 13 00

J. G. Weaver :

392 feet shelving..... \$70 56

1 ladder..... 7 50

78 06

Jos. McKenna :

Repairing 2 chairs, for office of Solicitor of Treasury..... 2 00

8. Washington Nailor :

1 month livery of 3 horses..... 75 00

Adams Express Company :

Freight on one parcel to New York..... 50

1875.		
Nov. 12.	The Commoner :	
	Subscription.....	\$2 75
15.	George Wilkeson :	
	For driving carriage from November 1 to November 15, 1875.....	35 00
	E. Morrison :	
	1 ream manila.....	\$7 50
	2½ pounds twine.....	1 25
	1 half ream manila.....	3 75
		12 50
16.	Solomons & Chapman :	
	5 reams manila.....	\$1 25
	8½ quires imperial paper.....	19 50
		20 75
	W. S. Thompson :	
	Insect poison.....	1 00
12.	Adams Express Company :	
	Freight on one package from New York.....	40
20.	D. M. Frain :	
	Kalsomining stairway.....	\$40 00
	Painting and graining four doors.....	10 00
	Painting and graining bulkhead, door, and frame.....	12 00
		62 00
	J. G. Weaver :	
	8 yards oil-cloth and putting down.....	\$6 00
	1 piece of zinc.....	2 50
	Putting down matting, 72 yards.....	9 00
	Putting down matting.....	3 00
	Took up and cleaned old matting and carpet.....	10 00
	8½ yards oil-cloth, and put down same.....	10 12
	Made and put up bulkhead door.....	160 00
		200 62
	J. G. Weaver :	
	1 set casters.....	\$1 50
	Repairing desk.....	50
	Extending bookcase.....	2 00
	1 set casters on desk, and repairs.....	2 00
	1 chair seated.....	1 50
	1 chair repaired.....	1 50
	1 chair repaired.....	1 50
	1 sofa repaired.....	2 00
	Making 2 doors and altered 2 doors.....	15 00
		27 50
22.	W. B. Wylie :	
	230½ yards black cambric.....	34 60
23.	W. S. Mitchell :	
	72 yards matting.....	64 50
24.	Western Union Telegraph Company :	
	Telegraphing, November.....	26 60
30.	Charles H. Lee :	
	For driving Department carriage from November 15 to November 30, 1875.....	35 00
	Mary Harrison :	
	Cleaning and sweeping in office Solicitor of Treasury, November.....	20 00
	Treecy Belvidge :	
	Washing towels and sweeping in office Solicitor of Treasury.....	22 50
	Chronicle Publishing Company :	
	Subscription.....	50

1875.			
Nov. 30.	H. Michaels:		
	Money expended for use of office of Solicitor of Treasury for express, car-tickets, and telegraphing.....	\$5 85	
	Adams Express Company:		
	Freight on parcel to New York.....	40	
Dec. 1.	Maria Oden:		
	Washing towels 1 month.....	4 00	
	F. A. Fill & Co.:		
	½ dozen penholders.....	2 40	
Nov. 30.	V. D. Stockbridge:		
	1 copy of Digest of patents for breech-loading and magazine fire-arms.....	25 00	
Dec. 1.	J. F. Stone:		
	Shoeing horses.....	5 00	
	R. Beall:		
	1 Brown and Hadley Commentaries.....	\$6 50	
	Sevon on Money.....	1 75	
		8 25	
	10 reams manila.....	3 50	
	2 inkstands.....	80	
	1,000 McGill's fasteners.....	3 00	
	2 boxes pens.....	2 25	
	1 gross paper and envelopes.....	1 25	
	1 pack cards.....	35	
	2 bottles ink.....	2 00	
	2 boxes of pens.....	2 00	
	(For office Solicitor of Treasury.)	15 15	
2.	Adams Express Company:		
	Charges on 1 package from Minneapolis, Minn.....	1 55	
7.	Charges on 1 package from Springfield, Ill.....	1 50	
	Colburn & Co.:		
	1 porous evaporator.....	4 50	
8.	Western Union Telegraph Company:		
	Telegraphing for office of Solicitor of Treasury, October.....	64 30	
9.	Telegraphing for Attorney-General's office, November.....	63 63	
8.	Washington Nailor:		
	Livery, 3 horses 1 month.....	75 00	
10.	J. H. Brooke:		
	Matches, brooms, ½ gallon tar.....	\$3 65	
	1 large mat.....	8 00	
		11 65	
	W. D. Wyvill:		
	1 new basket and grate, and casing fire-place.....	\$25 00	
	Resetting 1 register.....	1 50	
		26 50	
11.	Mrs. M. Larnar:		
	1 Sherman's Raid.....	2 00	
13.	Atlantic and Pacific, and Franklin Telegraph Company:		
	Telegraphing, office Solicitor of Treasury.....	1 00	
11.	Southern and Atlantic Telegraph Company:		
	Telegraphing.....	4 95	
14.	F. A. Fill & Co.:		
	3 yards tracing-paper.....	2 25	
15.	Adams Express Company:		
	Charges on package from Cincinnati, Ohio.....	30	

1875.	
Dec. 17.	H. Baumgarten :
	Fitting keys and repairing locks..... \$4 05
	Measuring and arranging pictures..... 3 75
	Repairing clock 2 00
	Making 60 labels 12 20
	1 pair door-knobs..... 1 00
	Repairing 6 keepers 1 50
	<hr/>
	\$24 50
18.	Western Union Telegraph Company :
	Telegraphing for office Solicitor of Treasury..... 52 93
	Adams Express Company :
	Freight on parcel to Clarksburgh, W. Va..... 50
21.	B. H. Steinmetz :
	2 pairs gloves 6 00
	Adams Express Company :
	Freight on 1 parcel from Salt Lake City..... 1 90
21.	D. Fletcher :
	Hauling books 1 00
31.	Charles H. Lee :
	For driving Department carriage, December..... 70 00
	H. Coleman :
	Washing towels, 3 months..... 24 00
	Chronicle Publishing Company :
	Subscription 75
	Treecy Belvidge :
	Sweeping rooms and washing towels for office Solicitor of Treasury, December 22 32
	Hiram Michaels :
	Money expended for use of office Solicitor of Treasury, for repairs, postage, brooms, and car-tickets 5 90
	Mary Harrison :
	Cleaning, &c., rooms in office Solicitor of Treasury, December... 20 00
	Maria Oden :
	Washing towels, December 4 00
1876.	
Jan. 7.	J. G. Weaver :
	Repairs 9 35
6.	J. F. Stone :
	Shoeing horses 7 00
	Washington Nailor :
	1 month's livery of horses 75 00
7.	Boyd's Directory Company :
	3 copies Washington Directory..... 15 00
4.	R. Beall :
	1 Comte de Paris Civil War for office Solicitor of Treasury..... 3 50
	20 reams paper..... 5 00
	R. Beall :
	4 memorandum books \$0 65
	2 dozen pencils, \$2; 1 dozen rolls pins, \$1.25..... 3 25
	$\frac{1}{2}$ ream cap 4 00
	2 quires bill..... 60
	1 quart ink..... 5 00
	2 balls twine, 80 cents; 5 quires note, \$1.50 2 30
	2 dozen pencils..... 2 00
	4 boxes pens for office Solicitor of Treasury..... 5 50
	<hr/>
	\$23 30

1876.			
Jan. 4.	W. Ballantyne :		
	200 sheets blotter.....	\$8 33	
	3 gross bands	2 25	\$10 58
5.	E. Morrison :		
	2 reams manila		15 00
7.	Solomons & Chapman :		
	1,500 envelopes.....	\$5 75	
	5 reams cap	40 25	
	5,000 envelopes.....	32 50	
	250 cloth-lined envelopes	16 50	
	2 dozen ink	6 00	
	2 reams cap	17 00	
	2 pounds gum	60	
	2 reams cap	12 00	
	260 clothed-lined jackets	11 70	
	2,000 visiting-cards.....	12 00	
	7,500 envelopes.....	51 25	205 55
	Great Falls Ice Company :		
	Ice, three months		53 55
4.	Thomas Norfleet :		
	2 mail-bags.....	\$13 00	
	Lettering.....	1 25	14 25
5.	B. F. Brown :		
	Repairing 1 stamp.....		1 00
7.	J. G. Weaver :		
	4 door-springs.....	\$3 00	
	130 feet weather-strips	12 00	
	4 yards oil-cloth, round desk.....	1 60	16 60
7.	Freeman Thorp :		
	To painting portrait of ex-Attorney-General Williams.....		750 00
13.	Atlantic and Pacific, and Franklin Telegraph Company :		
	Telegraphing		18 18
	Solomons & Chapman :		
	1 dampening-brush.....	\$1 00	
	6 gross bands	2 85	
	1 dozen sheets blotting	1 00	
	1 dozen sheets oil-paper	60	
	½ gross erasers	2 88	
	4,000 envelopes.....	22 00	
	1 ruling-pen, \$1 ; 1 box quilla, \$1.25.....	2 25	
	1 quire note ; ½ ream do.....	5 00	
	6 erasers, \$3 ; 1 blotter, 75 cents.....	3 75	
	2 holders, \$1.35 ; 2 dozen sheets blotting, \$2.....	3 35	
	2 holders, \$1 ; 1½ reams note, \$9	10 00	
	1½ reams linen, \$7.50 ; 250 envelopes, \$2	9 50	
	250 envelopes, \$2 ; 250 envelopes, \$2	4 00	63 18
14.	G. N. Rider :		
	2 volumes Appleton's Cyclopedia, for office Solicitor of Treasury..		14 00
	Southern and Atlantic Telegraph Company :		
	Telegraphing		17 51
	Western Union Telegraph Company :		
	Telegraphing, December		167 84
	Washington Gas Light Company :		
	Gas, 3 months.....		62 50
18.	Columbia Railroad Company :		
	Car-tickets		5 00
	Washington and Georgetown Railroad Company :		
	Car-tickets.....		5 00

1876.			
Jan. 19.	Adams Express Company:		
	Charges on 1 box from Philadelphia.....	\$3 10	
21.	Henry Sherman:		
	1 Centennial Year of the Confederacy	2 00	
	Henry Neuback:		
	Repairing clock.....	1 50	
	Lutz & Brother:		
	1 new round and repairing reins	\$3 50	
	1 whip, \$2; hitch-strap, \$2; repairing harness, \$2.75.....	5 50	
	1 ring and strap, 50 cents; repairing 2 traces, \$1.50.....	2 00	
	Repairing collar, \$1.50; 3 halters, \$9.....	10 50	
	1 pair reins	6 00	
	1 hitch-strap	1 00	
			28 50
19.	W. H. & O. H. Morrison:		
	1 each Mississippi Reports, volumes 44 to 48 inclusive...	37 50	
	1 Kansas Reports, 12 volumes	60 00	
	1 each Ohio Reports, volumes 22 to 24 inclusive	9 00	
	1 Massachusetts Reports, volume 111	5 00	
	1 Missouri Reports, volume 58	4 50	
	1 Maryland Reports, volume 40	5 50	
	1 Wisconsin Reports, volume 32	5 50	
	1 Grattan's Reports, volume 24.....	6 00	
	1 Massachusetts Reports, volume 116	5 00	
	1 Law of Literature, volume 1	7 00	
	1 New York Reports, volume 57	3 00	
	1 Iowa Reports, volume 37	6 00	
	1 Illinois Reports, volume 64.....	6 00	
	1 MacArthur's Reports, volume 1.....	5 00	
	1 American Law Review	1 25	
	1 Illinois Reports, volume 65.....	6 00	
	1 American R. W., volume 4.....	6 00	
	Waterman on Trespass, volume 2	7 50	
	Texas Reports, volumes 37 and 39	15 00	
	1 each American Railway Reports, volumes 2 and 3.....	12 00	
	1 Iowa Reports, volume 38	6 00	
	1 Bigelow Insurance, volume 4.....	7 50	
	1 Willard's Eq. Jurisprudence	7 50	
	1 New York Supreme Court Reports, volume 4.....	3 00	
	1 Grattan's Reports, volume 25.....	6 00	
	1 Louisiana Reports, volume 26	8 00	
	1 Maine Reports, volume 63.....	5 00	
	1 North Carolina Reports, volume 72	7 00	
	1 Lester's Land Laws, 2 volumes	12 50	
	1 Illinois Reports, volume 66	6 00	
	1 West Virginia Reports, volume 6	5 00	
	1 Rules District Court	1 00	
	1 Lives Chief Justices, 2 volumes	6 00	
	1 New York Reports, volume 58	3 50	
	1 Pennsylvania Reports, vol. 76	5 00	
	1 Whitman's Patent Cases	10 00	
	1 American Law Review	1 25	
	1 each Texas Reports, vols. 38 and 40.....	15 00	
	1 Georgia Reports, vol. 51.....	7 00	
	1 United States Digest, vol. 5	6 00	
	1 indexed Revised Statutes	1 50	
	1 Illinois Reports, vol. 67	6 00	
	1 Missouri Reports, vol. 69.....	4 50	
	1 Blatchford's Reports, vol. 12	7 50	
	1 Kentucky Reports, vol. 10	6 00	
	1 Wood's Court of Claims Reports, vol. 1	7 50	
	1 Rules Supreme Court	1 50	
	1 California Reports, vol. 49.....	5 00	
	1 Law of Literature, vol. 2.....	7 50	
	1 Massachusetts Reports, vol. 117.....	5 00	
	1 Barbour's Chancery Practice	7 50	
	1 Wisconsin Reports, vol. 36	6 00	
	(For office Solicitor of Treasury.)		

1876.			
Jan. 21.	Adams Express Company :		
	Charges on 1 package from Baltimore	\$0 25	
22.	The postal service :		
	Postage on 1 letter	12	
25.	Adams Express Company :		
	Charges on 1 package from New York	40	
	G. N. Rider :		
	Appleton's Encyclopedia, vols. 13 and 14	12 00	
	Western Union Telegraph Company :		
	Telegraphing for office Solicitor of Treasury, December	29 28	
27.	W. H. & O. H. Morrison :		
	1 blank book	\$1 25	
	2 reams wrapping-paper	14 40	
			15 65
27.	W. H. & O. H. Morrison :		
	1 Maryland Reports, vol. 40	5 50	
	1 Wisconsin Reports, vol. 32	5 50	
	1 Wood on Nuisance	7 00	
	1 Clerk's Assistant	3 50	
	1 Abbott's Forms	6 00	
	1 Grattan's Reports, vol. 24	6 00	
	1 Massachusetts Reports, vol. 16	5 00	
	1 Law of Literature, vol. 1	7 00	
	1 New York Reports, vol. 57	3 00	
	1 Encyclopedia Britannica, vol. 2	9 00	
	1 Iowa Reports, vol. 37	6 00	
	1 MacArthur's Reports, vol. 1	5 00	
	Law Review	1 25	
	1 Waterman on Trespass, vol. 2	7 50	
	1 Iowa Reports	6 00	
	1 Bigelow's Insurance, vol. 4	7 50	
	1 Willard's Equity	7 50	
	1 New York Supreme Court Reports, vol. 4	3 00	
	1 Grattan's Reports, vol. 25	6 00	
	1 Louisiana Reports, vol. 26	8 00	
	1 Maine Reports, vol. 63	5 00	
	1 North Carolina Reports, vol. 72	7 00	
	1 West Virginia Reports, vol. 6	5 00	
	1 New York Reports, vol. 58	3 50	
	1 Pennsylvania Reports, vol. 76	5 00	
	1 Whitman's Patent Cases	10 00	
	1 American Law Review	1 25	
	1 each, Texas Reports, volumes 37 to 40, inclusive	30 00	
	1 Georgia Reports, volume 51	7 00	
	1 United States Digest, volume 5	6 00	
	1 Index to Revised Statutes	1 50	
	1 Missouri Reports, volume 59	4 50	
	6 Indexes to Revised Statutes	9 00	
	1 Bullen's & Leake's Practice	9 50	
	1 Blatchford Circuit Court Reports, volume 12	7 50	
	1 Kentucky Reports, volume 10	6 00	
	1 Miller's Decisions, volume 3	5 00	
	1 Wood's Court of Claims, volume 1	7 50	
	1 Brightly's New York Digest	20 00	
	1 Barbour's Chancery Practice, volume 3	7 50	
	1 Law of Literature, volume 2	7 50	
	1 Hilliard's Law of Taxation	6 00	
	1 Bishop's Law Married Women, volume 2	6 00	
	1 Massachusetts Reports, volume 117	5 00	
	1 Wisconsin Reports, volume 36	6 00	
	1 Court of Claims	2 50	
	1 Diary	1 00	
	1 Encyclopedia Britannica, volume 3	9 00	
	1 Vermont Reports, volume 47	5 00	
	1 New York Reports, volume 59	3 00	
	1 Maryland Reports, volume 41	5 50	
	1 Iowa Reports, volume 39	6 00	

1876.	
Jan. 27.	1 Cooper's Chancery Practice, volume 1 \$6 00
	1 Law Review 1 25
	1 New Hampshire Reports, volume 54 5 00
	1 Georgia Reports, volume 52 7 00
	<hr/>
	B. Westerman & Co.;
	1 German-English Dictionary 13 00
	R. Beall:
	80 packs visiting-cards and printing 60 00
31.	Adams Express Company:
	Charges on 1 package from New York 1 25
	C. H. Lee:
	For driving Department carriage, January 70 00
	Chronicle Publishing Company:
	Subscription 1 month 75
	Stevens & Haynes:
	Law Magazine
	Law Magazine
	The Law
	Juridical Society Papers
	Revised Statutes, 3 volumes
	The Tichborne Trial, 2 volumes
	Griffiths' Judicature Acts
	Packing, case, insurance, &c
	<hr/>
	61 72
Feb. 1.	Maria Oden:
	Washing towels 1 month 4 00
	J. Markriter:
	1 large gilt-frame 60 00
	Mary Harrison:
	Sweeping, &c., rooms, office Solicitor of the Treasury, January.. 20 00
	T. Belvidge:
	Sweeping rooms and washing towels, office Solicitor of the Treas- ury, January 22 69
	Hiram Michaels:
	Money expended for express and car-tickets for office Solicitor of Treasury, January 3 50
2.	J. H. Brooke:
	Brushes, matches, and dusters 3 50
	Leonard Scott Publishing Company:
	Subscription to Quarterlies, $\frac{1}{4}$ year 7 50
	R. Beall:
	Encyclopedia, British, volume 3 \$11 00
	Brown & Hadley, volume 2 6 50
	(Office Solicitor of Treasury.) <hr/>
	John F. Stone:
	Shoeing horses 5 50
3.	Leonard Scott Publishing Company:
	Quarterly Reviews 7 50
	Atlantic and Pacific, and Franklin Telegraph Company:
	Telegraphing 25
	Adams Express Company:
	Charges on 1 box from Philadelphia 1 50
	Washington Gas-Light Company:
	Gas, January 22 50
	Warren Choate & Co.:
	1 copy-brush 1 00
	J. L. Harmon:
	Subscription to Baltimore Sun 1 65

1876.			
Feb.	3.	Adams Express Company:	
		Charges on 1 package to New Orleans	\$0 75
	7.	W. Nailor:	
		Livery of 3 horses one month	75 00
		Baldwin Brothers & Co.:	
		Charges on 1 package, ex. steamer Russia.....	8 55
	8.	G. W. Israel:	
		1 case safety-fuses.....	1 75
	7.	J. G. Weaver:	
		Repairing chairs	\$9 50
		4 shelves in casing for box	4 00
		22 boxes for files	14 30
		36 boxes for files.....	27 00
			54 80
	8.	A. R. Shepherd & Co.:	
		6 feet tubing	3 00
		Southern and Atlantic Telegraph Company:	
		Telegraphing	8 60
		J. F. Stone:	
		Shoeing horses	4 00
		W. B. Wylie:	
		5 pieces black cambric.....	34 00
		F. C. Perry:	
		Repairing mantels.....	5 00
		Adams Express Company:	
		Charges on package from Philadelphia.....	35
		Western Union Telegraph Company:	
		Telegraphing for office Solicitor Treasury, January	32 60
		Telegraphing for Attorney General's office, January	54 39
	19.	Colburn & Co.:	
		Porous evaporator jar	1 00
	29.	Maria Oden:	
		Washing towels, February.....	4 00
		C. H. Lee:	
		For driving Department carriage, February.....	70 00
		Chronicle Publishing Company:	
		Subscription	75
		Treecy Belvidge:	
		Sweeping rooms and washing towels for office Solicitor of Treas- ury, February.....	22 94
		Hiram Michaels:	
		Money expended for expenses, car-tickets, repairing pitcher, bas- ket and brooms for office Solicitor of Treasury, February.....	6 95
		Mary Harrison:	
		Sweeping, &c., rooms of office Solicitor of Treasury, February...	20 00
		L. H. Schneider:	
		6 pair trimmers	9 60
		R. Beall:	
		2 reams letter-paper.....	\$8 00
		4 reams cap-paper.....	16 00
			22 00
		T. & J. W. Johnson & Co.:	
		1 Alabama Reports	\$7 50
		1 Alabama Reports, volumes 45 to 49, inclusive.....	27 50
		1 Desty's California Digest	6 00
		1 Georgia Reports, volume 33.....	3 00
		1 Indiana Reports, volumes 39 to 48.	45 00
		1 Indiana Report, volume 49.....	4 00
		1 Richardson's South Carolina Reports.....	10 50

1876.																																																																																																																																											
Feb. 29.	<table> <tr><td>1 Wisconsin Digest.....</td><td>\$13 00</td></tr> <tr><td>1 Wisconsin Reports.....</td><td>5 00</td></tr> <tr><td>1 Vermont Reports, volumes 45 and 46.....</td><td>9 00</td></tr> <tr><td>1 Chitty on Bills.....</td><td>5 50</td></tr> <tr><td>1 Dillon on Municipal Corporations, 2 volumes.....</td><td>9 50</td></tr> <tr><td>1 Bigelow's Insurance Cases.....</td><td>11 00</td></tr> <tr><td>1 Bliss on Life-Insurance.....</td><td>5 50</td></tr> <tr><td>1 Flanders on Fire-Insurance.....</td><td>5 50</td></tr> <tr><td>1 Fisher's Patent Reports.....</td><td>12 00</td></tr> <tr><td>1 Flanders on Constitution.....</td><td>1 30</td></tr> <tr><td>1 Scribner on Dower, 2 volumes.....</td><td>12 00</td></tr> <tr><td>2 Kerr on Receivers.....</td><td>3 38</td></tr> <tr><td>1 Bassett Criminal Pleadings.....</td><td>3 38</td></tr> <tr><td>1 Green's Criminal Law Reports, volume 2.....</td><td>5 50</td></tr> <tr><td>1 Sugden on Vendors, 2 volumes.....</td><td>11 25</td></tr> <tr><td>1 Parsons on Bills.....</td><td>11 00</td></tr> <tr><td>1 Bispham on Contracts.....</td><td>30</td></tr> <tr><td>1 Brown on Insanity.....</td><td>6 00</td></tr> <tr><td>1 Brown's Digest of Divorce and Alimony.....</td><td>4 12</td></tr> <tr><td>1 Coler on Municipal Bonds.....</td><td>9 00</td></tr> <tr><td>1 Curtis's Equity Precedents.....</td><td>5 50</td></tr> <tr><td>1 Hecker's Cases.....</td><td>4 50</td></tr> <tr><td>1 Herman on Executions.....</td><td>5 50</td></tr> <tr><td>1 Brightly's Leading Cases on Elections.....</td><td>5 63</td></tr> <tr><td>1 Hill on Fixtures.....</td><td>1 50</td></tr> <tr><td>1 McCrary's Election Laws.....</td><td>4 75</td></tr> <tr><td>1 Houck on Rivers.....</td><td>2 75</td></tr> <tr><td>1 Louisiana Federal Digest.....</td><td>3 50</td></tr> <tr><td>1 Smith & Loder's Landlord & Tenant.....</td><td>4 50</td></tr> <tr><td>1 Throop on Agreements.....</td><td>5 50</td></tr> <tr><td>1 Harrigan & Thompson's Cases.....</td><td>6 50</td></tr> <tr><td>Box.....</td><td>1 30</td></tr> <tr><td>1 Mayer's Digest.....</td><td>7 75</td></tr> <tr><td>1 Alabama Digest.....</td><td>18 75</td></tr> <tr><td>1 Indiana Digest.....</td><td>12 00</td></tr> <tr><td>1 Withrow & Stiles's Iowa Digest.....</td><td>13 00</td></tr> <tr><td>1 Kansas Digest.....</td><td>6 00</td></tr> <tr><td>1 Maine Digest.....</td><td>5 25</td></tr> <tr><td>1 Revised Statutes.....</td><td>5 00</td></tr> <tr><td>1 Minnesota Digest.....</td><td>6 75</td></tr> <tr><td>1 S. 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C. Digest.....	5 00	1 Commissioner's Manual.....	3 00	1 Harwood's Naval Courts-Martial.....	4 00	1 Langbrien's District Court Practice.....	5 00	1 Howard's Practice Reports.....	31 50	1 Abbott's Practice Reports.....	18 75	1 New York Superior Court Reports.....	34 50	1 Wisconsin.....	5 00	Box.....	1 00	1 Hadley's Roman Law.....	1 50	1 Digest Michigan Reports.....	5 00	1 Congdon's Mining Laws and Forms.....	2 00	1 Law Encyclopedia.....	6 00			March 7.	<table> <tr><td colspan="2">Southern and Atlantic Telegraph Company:</td></tr> <tr><td>Telegraphing.....</td><td>2 15</td></tr> <tr><td colspan="2">Northern Liberty Chariot Company:</td></tr> <tr><td>125 tickets.....</td><td>5 00</td></tr> <tr><td colspan="2">Western Union Telegraph Company:</td></tr> <tr><td>Telegraphing, February.....</td><td>20 25</td></tr> <tr><td colspan="2">Solomons & Chapman:</td></tr> <tr><td>1,000 envelopes.....</td><td>\$24 50</td></tr> <tr><td>10 reams cap.....</td><td>62 50</td></tr> <tr><td>1,000 manila envelopes.....</td><td>2 25</td></tr> <tr><td colspan="2"></td></tr> <tr><td>13.</td><td>R. 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1 Hadley's Roman Law.....	1 50																																																																																																																																										
1 Digest Michigan Reports.....	5 00																																																																																																																																										
1 Congdon's Mining Laws and Forms.....	2 00																																																																																																																																										
1 Law Encyclopedia.....	6 00																																																																																																																																										
March 7.	<table> <tr><td colspan="2">Southern and Atlantic Telegraph Company:</td></tr> <tr><td>Telegraphing.....</td><td>2 15</td></tr> <tr><td colspan="2">Northern Liberty Chariot Company:</td></tr> <tr><td>125 tickets.....</td><td>5 00</td></tr> <tr><td colspan="2">Western Union Telegraph Company:</td></tr> <tr><td>Telegraphing, February.....</td><td>20 25</td></tr> <tr><td colspan="2">Solomons & Chapman:</td></tr> <tr><td>1,000 envelopes.....</td><td>\$24 50</td></tr> <tr><td>10 reams cap.....</td><td>62 50</td></tr> <tr><td>1,000 manila envelopes.....</td><td>2 25</td></tr> <tr><td colspan="2"></td></tr> <tr><td>13.</td><td>R. Beall:</td></tr> <tr><td>2 dozen thumb-tacks.....</td><td>\$2 00</td></tr> <tr><td>1 diary.....</td><td>65</td></tr> </table>	Southern and Atlantic Telegraph Company:		Telegraphing.....	2 15	Northern Liberty Chariot Company:		125 tickets.....	5 00	Western Union Telegraph Company:		Telegraphing, February.....	20 25	Solomons & Chapman:		1,000 envelopes.....	\$24 50	10 reams cap.....	62 50	1,000 manila envelopes.....	2 25			13.	R. Beall:	2 dozen thumb-tacks.....	\$2 00	1 diary.....	65																																																																																																														
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1876.			
Mar. 13.	1 letter-clip.....	\$0 75	
	2 bill-files.....	1 00	
	2 boxes pens.....	3 00	
	1/4 ream cap.....	3 50	
	2 bottles mucilage.....	2 50	
	2 boxes pens.....	2 50	
			\$15 90
17.	Adams Express Company :		
	Charges on 1 package from New York.....		95
	Campbell & Co. :		
	Bankruptcy Reports, 2 volumes.....		10 00
18.	J. F. Stone :		
	Shoeing horses.....		4 75
	Solomons & Chapman :		
	1/4 ream manila.....	\$2 50	
	1 pound sponge.....	2 50	
	2 key rings.....	30	
	1 piece sponge rubber.....	75	
	1 pencil.....	25	
	2 dozen pencils.....	2 00	
	2 sheets blotter.....	2 00	
	(Office Solicitor of Treasury)		10 30
20.	B. Westermann & Co. :		
	1 Crit. de Legislation, Jannary—June.....	\$3 60	3 60
	1 Vangron, Lehrb. d. Pandekten, 3 vols., 3 1/4 morocco binding;		
	1 Puchla, Institutiones, 2 1/4 morocco binding;		
	1 Pandekten, 1 1/4 morocco binding;		
	1 d. Rain Rechts., 1 1/4 morocco binding;		
	1 Girtanner, Rechts., 1 1/4 morocco binding;		
	1 Arnd's Lehrb. d. Pandekten, 1 1/4 morocco binding;		
	1 Holtzendorff, 2 vols., 2 1/4 morocco binding;		
	1 Hermann, d. Quell. d. Rain Rechts., 1 1/4 morocco binding;		
	1 Matthia, 3 vols., 3 1/4 morocco binding;		
	1 Bar., 1 1/4 morocco binding;		
	1 Quaritch, 1 1/4 morocco binding;		
	Total books, in currency.....	\$67 15	
	Total binding.....	14 50	
			81 65
	R. Beall :		
	1 Brit. Alc. and Comp.....	\$2 00	
	1 Adams's Memoir, vol. 8.....	5 00	
	1 Adams's Memoir, vol. 9.....	5 00	
	1 Wharton on Agency.....	5 50	
	1 Statesman's Year-Book.....	3 50	
			21 00
	Western Union Telegraph Company :		
	Telegraphing for office Solicitor of Treasury, February.....		262 85
22.	Southern and Atlantic Telegraph Company :		
	Telegraphing.....		1 50
	Henry Coleman :		
	Lomas's Digest of Real Property, 3 vols.;		
	Lomas's Exec. and Administrations, 2 vols.;		
	Lomas's Code of West Virginia, 1 vol.....		9 00
27.	J. Disturnell :		
	4 United States Registers.....		6 00
28.	G. P. A. Healy :		
	Painting portrait of Judge Clifford.....		456 00
29.	W. D. Wyvill :		
	1 new grate-basket.....		15 00

1876.
Mar. 30.

William Ballantyne:		
	500 sheets blotter.....	\$20 22
Baltimore and Potomac Railroad Company:		
	Freight on 2 boxes for New York.....	4 06
31.	C. H. Lee:	
	For driving Department carriage, March.....	70 00
Chronicle Publishing Company:		
	Subscription	75
H. Coleman:		
	Washing towels, quarter ending March 31.....	24 00
31.	T. Belvidge:	
	Sweeping rooms and washing towels for office Solicitor of Treasury, March	22 50
Internal-Revenue Record:		
	18 copies for office Solicitor of Treasury.....	1 20
Mary Harrison:		
	Sweeping, &c., rooms in office of Solicitor of Treasury, March.....	20 00
Hiram Michaels:		
	Money expended for car-tickets, express, and affidavit, for office Solicitor of Treasury, March.....	5 25
R. Baall:		
	6 bottles ink	\$5 00
	1 ream foolscap.....	3 00
	2 dozen pen-holders.....	7 00
	5 reams cap	20 00
		<hr/> 35 00
Maria Oden:		
	Washing towels for month ending March 31	4 00
7.	W. Nailor:	
	Livery of 3 horses 1 month.....	75 00
2.	Washington Gas-Light Company:	
	Gas, March.....	22 00
31.	Solomons & Chapman:	
	2 paste-brushes.....	\$0 80
	2 mucilage-cups	50
	4 bottles carmine.....	2 60
	27 gross bands.....	8 80
	3 reams note	15 00
	1,250 envelopes.....	12 50
	3 inkstands	3 27
	1 dozen ink and pencil erasers.....	2 50
	1 dozen holders.....	3 50
	1 paper-weight.....	1 00
	3 dozen pencils.....	2 70
	1 yard drawing-paper.....	60
	1 pair dividers	1 50
	1 pencil.....	15
	1 pair dividers	3 50
	1 pencil.....	15
	8 bottles carmine.....	5 20
	3 holders.....	60
	1 dozen silk taste.....	1 50
	5 reams letter.....	22 50
	5 reams letter.....	37 50
	3,000 envelopes.....	22 50
	1,000 fasteners.....	3 50
		<hr/> 132 5

1876.

April 1.

Steven & Haynes :		
House of Lords Reports	£18 00 00	
Privy Council Reports	1 1 00	
Chancery Reports	1 10 00	
King's Bench Reports	15 00 00	
Exchequer Reports	15 15 00	
Common Pleas Reports	40 00 00	
Nisi Prius Reports	20 00 00	
Ecclesiastical Reports	2 00 00	
Probate and Divorce	10 00 00	
Crown Cases	17 00 00	
Railway Cases	9 9 00	
Maxwell on Statutes		
Brown on Usages		
European Arbitration Cases		
Jones on Salvage		
Albert Arbitration Cases		
Kay on Shipmasters and Seamen		
Hall on Sea-shore		
Dickson on Evidence		
Stuart's Vice-Admiralty Cases		
Packing, insurance, &c	4 5 00	
Total	166 16 6	
		\$934 86
J. H. Brooke :		
Soap	\$1 00	
Brooms	2 00	
		3 00
3. Washington Gas-Light Company :		
Gas, March		21 50
Lutz & Brother :		
2 terrets in harness	\$3 00	
1 pair sweat-bonings	4 50	
1 pair gag-chains	5 00	
1 pair hand part on reins	2 50	
Repairing harness	5 00	
1 whip	2 00	
		22 00
4. Great Falls Ice Company :		
Ice, 3 months		50 91
Franklin Telegraph Company :		
Telegraphing, March		22 29
6. Southern and Atlantic Telegraph Company :		
Telegraphing		7 75
Franklin Telegraph Company :		
Telegraphing		7 58
7. W. Nailor :		
Livery of 3 horses 1 month		75 00
10. Adams Express Company		6 75
Charges on packages to Cincinnati, Ohio, and Salem, Oreg		6 75
13. W. Choate & Co. :		
Subscription to North American Review		3 00
Adams Express Company :		
Charges on 1 package from New York		50
Western Union Telegraph Company :		
Telegraphing, March		94 13
20. James Faye :		
3 book-racks		9 00
24. N. W. Burchell :		
1 duster	\$3 75	
Brush	72	
100 soap	2 00	
4 whisks	1 20	
300 patent matches	1 20	
J. F. Stone :		
Shoeing horses		8 87
		4 00
19. B. Westermann & Co. :		
Law-books, (German authorities)		29 84
Western Union Telegraph Company :		
Telegraphing for office Solicitor of Treasury, March		74 02

1876.
April 26.

W. H. & O. H. Morrison :

Cooley on Limitations.....	\$5 50
1 Hilliard on Torts, 2 volumes	11 00
Story on Agency	5 50
Story on Bailments.....	5 50
Story on Bills.....	5 50
Story on Conflict of Laws.....	5 50
Story on Sales.....	5 50
Taylor's Landlord and Tenant	5 50
Washburne's Real Property, 3 volumes.....	16 50
Angell on Carriers.....	5 50
Washburne on Easements	5 50
Hilliard's Remedies	5 50
Massachusetts Reports, volume 112.....	4 50
Story on Contracts.....	11 00
Phillips's Practice.....	5 00
Benedict's District Court Reports	8 00
1 Supreme Court of New York.....	2 75
1 Copp's Land-Laws	8 00
1 Pomeroy's Remedies	5 50
1 California Reports, volume 49.....	4 75
1 Pennsylvania Reports, volume 77.....	4 25
1 Maine Reports, volume 64	4 75
1 Ohio Reports, volume 25	2 50
1 Law Review.....	1 25
1 Cooley on Taxation.....	6 00
1 High on Receivers.....	5 50
1 Bissel's Circuit Court Reports, volume 5	6 00
1 New York Reports, volume 60	2 50
1 Wisconsin Reports, volume 37.....	5 00

\$169 75

The Atlantic, Pacific and Franklin Telegraph Company:

Telegraphing, office Solicitor of Treasury.....

29. C. H. Lee :

For driving Department carriage, April

30. Chronicle Publishing Company :

Subscription

May 1. J. C. Hogan :

Putting up 35 awnings
Repairing one.....	1 00
28 blocks.....	4 20
2 dozen rings and screws	25
2 pounds line	1 00

23 45

2. Washington Gas Light Company :

Gas, April

R. Beall :

40 reams shoe-paper.....

Volume 10 Adams's Memoirs.....

Baldwin Bros. & Co. :

Charges on 2 packages ex steamer Abyssinia.....

B. Westermann & Co. :

1 Hepfler Europ. Noukerrecht.....

1/2 binding

Postage

5 4

3. Solomons & Chapman :

1 1/2 dozen inkstands

1,000 fasteners.....

2 pounds gum

10,000 envelopes

10,000 envelopes

2 paper-weights.....

6 quarts Arnold's ink.....

10 reams cap.....

5 reams letter.....

5 reams letter.....

310 5

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1876.			
May	4.	Southern and Atlantic Telegraph Company :	
		Telegraphing	\$3 46
		H. Baumgarten :	
		2 stamp-ribbons	1 50
		R. Beall :	
		Statesman's Year-Book	3 45
		2 boxes pens, \$2; 2 rolls tape, \$1.50	\$3 50
		1,000 fasteners, \$3.50; 1 bundle waste-paper, \$4	7 50
		1 box pens	1 00
		2 bottles ink	2 00
		(For office Solicitor of Treasury.)	14 00
	7.	Washington Nailor :	
		1 month's livery, 3 horses	75 00
	6.	W. H. Dempsey :	
		1 bottle oil	\$1 25
		7 gross bands	2 30
		1 dozen copying-books	26 00
			29 55
	8.	C. H. Lee :	
		Driving Department carriage from May 1 to 8	17 91
		Solomons & Chapman :	
		1 gross bands	\$2 90
		2 dozen pencils	1 80
		$\frac{1}{2}$ ream cap	3 50
		5 sheets copying-cloth	50
		3 holders	1 20
		1 Stylord's pens	15
		1 dozen copying-sheets	3 00
			13 05
	13.	J. G. Weaver :	
		Repairing chairs and desks	37 5
	22.	G. N. Rider :	
		Appleton's Cyclopedia	6 00
		J. F. Stone :	
		Shoeing horses	3 50
		International Review :	
		Subscription 1 year	5 00
		National Republican :	
		Subscription	8 00
		Subscription	8 00
	29.	Edwards Pierrepont :	
		Expenses in going to New York and return in relation to Lawrence case and extradition matters	25 12
		Chronicle Publishing Company :	
		Subscription	75
		R. Beall :	
		1 gross bands	\$1 50
		2 dozen holders	2 00
		5 boxes pens	6 25
		2 dozen pencils	2 00
		(For office Solicitor of the Treasury.)	11 75
June	3.	Washington Gas-Light Company :	
		Gas, May	12 60
		F. A. Fill & Co. :	
		3 blank-books	3 55
	6.	J. H. Brooke :	
		3 dusters	\$12 00
		2 chamois-skins	90
		3 sponges	60
			13 50

1876.

June 7.	G. N. Rider:		
	Appleton's Encyclopedia.....		\$6 50
7.	W. Nailor:		
	Livery of 3 horses to date.....		75 00
	Washington and Georgetown Railroad Company:		
	100 tickets.....		5 00
	Leonard Scott Publishing Company:		
	4 British Quarterlies 1 year.....		15 00
7.	T. & J. W. Johnson & Co.:		
	1 Sanders's Justinian	\$6 00	
	1 Connecticut Reports, volume 41	5 00	
	1 Illinois Reports, volume 76.....	5 25	
	1 Michigan Reports, volumes 30, 31.....	6 50	
	1 Pittsburgh Reports, volume 3	6 00	
	1 Philadelphia Reports, volumes 8, 9.....	11 00	
	1 Brewster's Reports, volumes 1 and 4.....	11 30	
	1 Richardson's S. C. Reports, volume 5	5 25	
	1 Rhode Island Reports, volume 10.....	6 50	
	1 Texas Reports, volumes 41, 42	14 00	
	1 Daly's Reports, volumes 3, 4, 5.....	18 00	
	1 Daniel's Negotiable Instruments.....	12 00	
	1 Brown's Admiralty Reports	7 00	
	1 Wells's Questions of Law and Fact.....	5 63	
	1 Kentucky Digest	6 00	
	1 Delaware Chancery Reports.....	8 00	
			133 43
	Western Union Telegraph Company:		
	Telegraphing for office of Solicitor of Treasury, April.....		76 64
12.	G. W. Smith and E. D. Thomas:		
	4 days cleaning, \$1.50 per day each		12 00
12.	J. W. Boteler & Bro.:		
	2 gross soap.....	\$35 87	
	1 dozen goblets	15 00	
	2 pairs cuspadores.....	7 00	
	2 sweeps.....	4 00	
			61 87
	Cincinnati Gazette Company:		
	Subscription 1 year.....		12 00
16.	W. Whelan:		
	22 boxes tapers.....	\$11 00	
	Repairing gas-fixtures.....	7 00	
	1 Argand burner	1 50	
	6 feet tubing.....	2 50	
	11 Argand chimneys.....	2 75	
			24 75
16.	Solomons & Chapman:		
	1 gross pens.....	\$1 50	
	5 dozen taste.....	7 50	
	1 ream note.....	4 50	
	500 envelopes	4 00	
	3 blotters	4 50	
	5 reams note.....	22 50	
	2,500 envelopes.....	21 25	
	10 reams letter.....	75 00	
	1 dozen inkstands	27 00	
	1 dozen inkstands	13 00	
			140 75
	T. & J. W. Johnson & Co.:		
	1 Florida Reports.....	\$14 00	
	1 Tennessee Reports.....	20 00	
	1 Baker on Corporations.....	3 25	
	1 Parsons on Costs	3 75	
	1 Illinois Reports.....	5 25	
	1 New Hampshire Reports	4 50	

1876.

June 16.

T. and J. W. Johnson & Co.—Continued.

	1 Howard's Practice	\$3 50	
	1 Barbour's Practice	5 00	
	1 Oregon Reports	6 00	
	1 West Virginia Reports	3 50	
	1 Starkie on Evidence	5 63	
	1 Pollock on Contracts	7 50	
	1 Elwell's Leading Cases	6 00	
	1 Chitty on Pleadings	13 50	
	1 Wood & Long's Digest	5 00	
	1 George's Digest	25 00	
	1 Battle's Digest	6 00	
	Cash paid on package	90	
			\$138 28
20.	Adams Express Company :		
	Charges on 1 package from Philadelphia		90
	Western Union Telegraph Company :		
	Telegraphing, office Solicitor of Treasury	36 60	
	Telegraphing, office Attorney-General	50 29	
23.	W. H. & O. H. Morrison :		
	2 revolving book-cases		38 00
	J. G. Weaver :		
	Mending chairs and stand for office Solicitor of Treasury	6 00	
	J. G. Weaver :		
	Repairing doors and floor and putting in lights	16 90	
	Western Union Telegraph Company :		
	Telegraphing, April	92 19	
	Brodhead & Co. :		
	½ dozen papers pins		1 30
	J. G. Weaver :		
	Mending chairs	\$12 00	
	Fixing locks and keys	1 50	
	Repairing chairs	3 00	
	Taking up and cleaning 18 carpets	63 00	
	Making shelf	1 50	
	Changing door	1 50	
	Work on desk	1 50	
			84 00
	Congressional Printer :		
	Postage on Record		40
24.	J. F. Stone :		
	Shoeing horses		10 00
26.	Adams Express Company :		
	Charges on 1 package from New York		1 00
27.	G. C. Maynard :		
	Electric bell		40 00
26.	Little, Brown & Co. :		
	1 English Law Reports	\$30 00	
	Binding 12 vols	21 00	
			51 00
29.	Lutz & Bro. :		
	To difference in harness	\$100 00	
	1 hitch-strap, \$1; 1 ring, \$1	2 00	
			102 00
29.	W. S. Mitchell :		
	148 yds. matting	\$111 00	
	56 yds. matting	42 00	
	45 yds. binding	2 81	
	Laying 204 yds. matting	16 32	
			172 13
29.	Adams Express Company :		
	Charges on 1 package from New York		50

1876.

June 29.

W. B. Moses:

1 rep couch	\$30 00
2 chairs	10 00
1 book-rack	20 00
1 chair	13 00
1 chair	8 50

\$81 50

30. Baltimore Sun:

Subscription, five months..... 27

H. O. Towles:

Revolving chair..... 16

Chronicle Publishing Company:

Subscription 7 |

C. H. Lee:

For driving Department carriage, June 69 |

H. Coleman:

Washing towels, 1 quarter..... 36

Washington Nailor:

23 days' livery of 3 horses 57 |

H. Michaels:

Money paid for use of the office of Solicitor of the Treasury, for street-car tickets	\$2 00
1 cake cement	25

2

W. H. and O. H. Morrison:

1 Georgia Reports	\$6 25
1 Massachusetts Reports	4 50
1 Georgia Digest	6 25
1 Hun's New York Reports	2 50
1 Missouri Reports	4 00
1 Iowa Reports	5 25
1 Chase Decisions	6 00
1 Wisconsin Reports	5 00
1 United States Digest	5 50
1 Encyclopædia Britannica	9 00
1 Angell on Limitations	5 50
1 Bigelow on Estoppel	5 50
1 Washburne on Real Property	16 50
1 United States Digest, 13 volumes	71 50
1 Redfield on Wills	5 50
1 Daniel, Chancery Practice	16 50
1 Bishop's Criminal Law	11 00
1 Bishop's Criminal Procedure	11 00
1 Angell on Highways	4 50
1 Bigelow's Leading Cases	5 50
1 Broom's Legal Maxims	5 50
1 Dean's Principle of Conveyancing	4 00
1 Reed's Practical Suggestions	3 50
1 Grattan's Reports	6 00
1 Nevada Reports	3 50
1 New York Reports	2 25
1 Massachusetts Reports	4 30
1 Fell's Law of Guaranty	5 00
1 United States Digest, volume 14	5 50
1 Walker's American Law	5 50
1 Zinn on Trusts	5 50
1 Maryland Reports	5 25
1 McAdams, Land and Tenant	4 25
1 Miller's Decisions	5 00
1 Paschal's Constitution	4 00
1 Broom's Philosophy of Law	2 50

17: 80

E. M. Whitaker:

1 Walker's Wages Question	\$2
1 McCauley, 2 volumes	5 00

7 80

1876.	
June 30.	Solomons & Chapman :
	10 reams cap..... \$70 00
	4 reams note..... 18 00
	2,000 envelopes..... 16 00
	1 copying-press..... 40 00
	1 dozen copying-brushes..... 10 00
	34 gross bands..... 28 50
	4 dozen memoranda..... 17 40
	5 dozen pencils..... 4 50
	3 dozen pencils..... 4 50
	<hr/>
	\$208 90
	B. Westermann & Co.:
	Law-books and binding..... 41 64
	R. Beall :
	1 box pens..... 1 00
	P. H. Brooke :
	Sundries..... 1 60
	Western Union Telegraph Company :
	Telegraphing..... 16 35
	Atlantic and Pacific and Franklin Telegraph Company :
	Telegraphing, office Solicitor of Treasury..... 1 00
July 6.	Great Falls Ice Company :
	Ice 3 months..... 62 85
7.	Washington Gas Light Company :
	Gas..... 10 35
	Andrew J. Joyce :
	Repairing carriages..... 18 75
	Adams Express Company :
	Charges on 3 packages..... 3 00
8.	J. W. Botseler & Brother :
	1 torch and tapers and ice-pick..... 4 60
	Western Union Telegraph Company :
	Telegraphing, office Solicitor of Treasury..... 25 99
	William S. Mitchell :
	85 yards carpet, made and laid..... \$199 75
	64 yards lining..... 8 00
	<hr/>
	207 75
	J. F. Stone :
	Shoeing horses..... 1 00
	Dickson & King :
	Fuel..... 61 62
	<hr/>
	Total..... 15,112 03
8 D J	





